

*statistical reports and studies*  
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586

# Higher education:

international trends,  
1960 - 1970

*unesco*

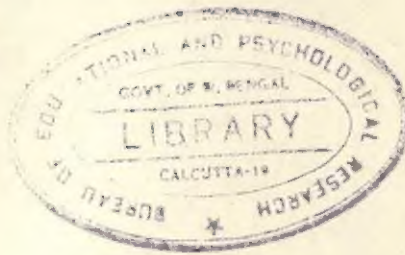


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# Higher education:

international trends,  
1960 - 1970



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The series of Unesco *Statistical Reports and Studies* is designed to examine methodological problems in regard to statistics in education, science and culture and to analyse the major trends in these subject fields.

This study (No. 19) is an analysis of the main trends in the quantitative development of higher education during the last decade. It concerns more specifically trends in numbers of students and graduates. It contains, in addition to a statistical study for each continent or world region, statistical tables setting out the main data collected by Unesco over several years.

It is hoped that this study will serve as a reference source for those interested in higher education trends. The study was prepared by the Unesco Office of Statistics,

which wishes to thank the Member States of the Organization, and more especially, the National Commissions for Unesco and the national statistical services, for their valuable co-operation.

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Unesco Secretariat concerning the legal status of any country or territory, or of its authorities, or concerning the delimitations of its frontiers. The names used for countries and territories are those which were in force when this report was prepared.



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## PURPOSE OF THE STUDY

Higher education is assuming an increasingly important rôle not only in the education system but in the whole life of nations insofar as it must respond to the new demands arising from the rapid transformation of the world, to the needs of society and to the desire of individuals for culture. In many countries this concern has been reflected in an increased diversification of this education and a rapid rise in student enrolment, while in others there is growing evidence of a relatively intensive drive to ensure its development.

The Unesco Office of Statistics, responsible for the collection of educational data at the international level, has thus been able to analyse some statistical aspects in the development of higher education throughout the world. In doing so the first aim has been to present statistical studies separately for each continent or region: Africa, Asia, Europe, Latin America, Northern America, and Oceania. Insofar as this is possible, a common pattern has been adopted for these studies so that the reader may compare the main trends, though these are also discussed in a special section devoted to this purpose.

The second aim has been to publish the greater part of the statistical data concerning higher education which have been collected over a number of years. Since the *Unesco Statistical Yearbook*, because of limited space, contains only data covering a period of a few years, preparation of a report extending over a longer period was indispensable. Before preparing this study, the Office has thus carried out an extensive review of the available statistical data so as to ensure their comparability and compatibility. Data presented in this report which differ from the corresponding data for the same year given in editions of the *Statistical Yearbook* earlier than 1973 should be taken to reflect revisions made as a result of the receipt of further information.

This study deals essentially with numbers of students and graduates. Although the statistical tables show some data concerning teachers, these have not been analysed.

## DEFINITIONS

### Higher education

According to the Recommendations concerning the International Standardization of Educational Statistics, education at the third level (or higher education) is education "which requires, as a minimum condition of admission, the successful completion of education at the second level, or evidence of the attainment of an equivalent level of knowledge". Data generally refer to all categories of public and private institutions of education at the third level whether or not they confer university degrees. Under this definition higher education is classified according to the following types:

- education provided in universities and equivalent institutions leading to the award of a degree;
- teacher training provided in non-university institutions;
- other education provided in non-university institutions.

As far as possible, these statistics include both full-time and part-time students. Evening courses providing recognized third-level education have been included. Although as a general rule these figures do not cover correspondence courses, they do include them in certain well-defined cases (indicated by a note) in which such courses provide recognized third-level education. In point of fact, these are courses leading to the same degrees and diplomas as intra-mural studies.

The new International Standard Classification of Education (ISCED) being prepared by Unesco provides a better insight into the complexity of present higher education systems, particularly by the distinction made between three stages in higher education studies. As regards student enrolment, however, this classification was not yet being used for the collection of statistics relating to the period covered in this report.



## Graduates

Students graduating are classified according to "stage diploma", i.e. the level of the qualification obtained:

- Stage A:* Diplomas and certificates not equivalent to a first university degree.
- Stage B:* First university degrees or equivalent qualification.
- Stage C:* Degrees awarded to persons who already possess a first university degree or equivalent qualification.

Although student enrolment has been analysed globally, it became evident that, as far as these qualifications are concerned, each of the three levels had to be taken separately.

Data contained in the statistical tables are also presented in accordance with this classification with the exception of one table which shows the total number of graduates irrespective of the different levels of qualifications obtained.

It should be noted that not all countries have been able to adhere rigidly to this classification and in the course of the analysis attention is drawn to certain difficulties in regard to the international comparability of these statistics. Since, furthermore, student enrolment is not broken down according to the type of degree or diploma towards which the student is working, it has not been possible to compare trends in the number of graduates and students by field of study.

## Fields of study

"Field of study" relates to the student's main area of specialization. The fields of study and the subjects within each field are as follows:

*Humanities:* archaeology, history, languages, letters, library science, philosophy, psychology, theology and similar subjects.

*Education:* education, pedagogy (including subjects studied in teacher-training institutions at the third level), physical education.

*Fine arts:* architecture, drawing, music, painting, sculpture, speech and dramatic arts and similar subjects.

*Law.*

*Social sciences:* banking, commerce, diplomacy, economics, ethnology, geography, home economics, international relations, journalism, political science, public administration, social welfare, sociology, statistics and similar subjects.

*Natural sciences:* astronomy, bacteriology, biochemistry, biology, botany, chemistry, entomology, geology, geophysics, mathematics, meteorology, mineralogy, physics, zoology and similar subjects.

*Engineering:* applied science, construction, geodesy, metallurgy, mining, surveying, technology, textiles and similar subjects.

*Agriculture:* agronomy, dairying, fisheries, forestry, horticulture, rural science, veterinary medicine and similar subjects.

Strict application of this classification has not always been possible, since certain countries have not kept exactly to it. Even in such cases an effort has been made to ensure compatibility of the data for the period in question, while indicating that they are not comparable with data provided by countries which have kept to the classification. For example, the components of the "education" group may vary considerably from one country to another. In principle students classified under this head should be those receiving teacher education either in universities or in higher teacher training colleges. In certain countries, however, and more especially in those where teachers are trained at universities, students are classified according to the subjects they propose to teach and are placed, thus, under heads such as "humanities" and "natural sciences". The "education" group consists only, in this case, of students in pedagogy and future teachers of physical education.

A general tendency to classify architecture in the engineering sciences rather than the fine arts can also be observed.

It should be noted, furthermore, that for certain countries information regarding the distribution by field of study is available only for a proportion of students, generally limited to university enrolments.

Analysis of numbers of students and graduates by field of study is not designed to provide international comparison of the different distribution patterns which are, more often than not, linked with the structure and organization of higher education in the various countries; its purpose, rather, is to show trends in the relative importance of each field of study in each country.

## Enrolment ratio

The proportion of higher education students in relation to the total population in the 20 to 24 year age-group has been used in this study, and has been termed the "enrolment ratio". However, final conclusions as to the enrolment level reached in the various countries should not be drawn from analysis of enrolment ratios calculated on this basis. As is shown in the case of several countries where information on the age pattern of the student population is available, a large proportion of students are recruited outside the 20 to 24 year age-group. The importance of the "enrolment ratio" consequently lies only in the fact that it provides an approximate basis for international comparison and it must not under any circumstances be confused with the real enrolment rates by age or age-group.



## Academic year

The enrolment data refer, in general, to the beginning of the academic year; data concerning graduates, to the academic year during which the course leading to a degree or diploma was completed and not to the year in which the degree or diploma was awarded. The years stated in the tables indicate the calendar year in which the academic year begins.

In general, the analysis bears on three reference years (1960, 1965 and 1970) while the statistical tables contain data for 1960 and for all the years included in the period 1965-1970.

## Regions covered

The analysis covers the following regions:

- Africa
- Asia
- Europe (including the USSR)
- Latin America

Northern America: Canada and the United States of America  
Oceania

South Africa and Southern Rhodesia have not been taken into consideration. Because of the lack of statistical data, the analysis also does not cover the People's Republic of China, the Democratic People's Republic of Korea and the Democratic Republic of Viet-Nam.

Developed countries are understood to mean all countries in Europe, the USSR, the United States of America, Canada, Japan, Israel, Australia and New Zealand, and the developing countries the rest of the world.

The following symbols are used in the tables:

- Magnitude nil or negligible
- 0 Magnitude less than half of unit employed
- ... Data not available
- \* Provisional or estimated data

Region	1960		1965		1970		Average annual rate of growth (%)	Total enrolment in 1970
	Number of students	Average annual rate of growth (%)	Number of students	Average annual rate of growth (%)	Number of students	Average annual rate of growth (%)		
World total	11 594 714	18.363 728	26 843 841	8.8	38 843 841	8.8	7.8	1.8
Developed countries	4 680 874	7.380 138	8 002 330	7.3	10 002 330	7.3	6.2	6.2
Developing countries	6 913 840	21.473 813	18 841 511	8.2	28 841 511	8.2	10.8	10.8
Africa	1 254 939	180 898	308 830	8.8	408 830	8.8	7.1	7.1
Asia	2 282 707	8 731 388	5 043 943	10.9	6 043 943	10.9	9.8	9.8
Europe (including the USSR)	3 778 808	2 890 628	6 240 130	9.3	8 240 130	9.3	9.3	9.3
Latin America	868 181	914 078	1 014 080	11.0	1 014 080	11.0	9.9	12.1
Northern America	1 358 082	347 028	373 884	10.7	373 884	10.7	12.9	12.9
Oceania	11 594 714	18.363 728	26 843 841	8.8	38 843 841	8.8	7.8	1.8



# GENERAL TRENDS

During the last decade the number of students enrolled in higher education has grown considerably. This remarkable expansion reflects the growing importance assumed by higher education in the various countries throughout the world.

In absolute figures the number of students rose from 11,600,000 in 1960 to approximately 26,850,000 in 1970, representing an average increase of 8.8% per annum. (Table 1). Growth was more rapid during the 1960-65 period, although this trend is not seen in all regions. From 1965 onwards a decline in this enrolment growth rate can be seen, more especially in Europe, but in Africa and Oceania as well. In Asia the slowing down

process is less marked, the rate bordering constantly on 10% per annum; in Northern America it has remained stable throughout the ten-year period. In Latin America, on the other hand, the number of students increased between 1965 and 1970 at a higher rate than during the preceding period (see also Fig. 1).

In relative terms there were 55 students per 10,000 inhabitants in 1960, 73 in 1965 and 97 in 1970 (Table 2). This ratio varies considerably, however, according to the regions in question and the discrepancy that existed in this respect between the developed and the developing countries in 1960 was not any less by 1970. In 1970 there were, thus, 35 students per 10,000 inhabitants in

**Table 1 — Numbers of students enrolled in higher education and growth rates**

Regions/Régions	Number of students / Nombre d'étudiants			Average annual rates of growth (%) Taux moyens d'accroissement annuel (%)		
	1960	1965	1970	1960-70	1960-65	1965-70
WORLD TOTAL/TOTAL MONDIAL	11 594 714	18 353 726	26 843 947	8.8	9.6	7.9
Africa/Afrique	135 055	247 098	373 884	10.7	12.9	8.6
Latin America/Amérique latine	569 151	914 078	1 614 790	11.0	9.9	12.1
Northern America/Amérique septentrionale	3 778 908	5 890 425	9 140 130	9.2	9.3	9.2
Asia/Asie	2 295 797	3 731 289	5 943 943	10.0	10.2	9.8
Europe	4 690 874	7 380 138	9 502 270	7.3	9.5	5.2
Oceania/Océanie	124 929	190 698	268 930	8.0	8.8	7.1
Developed countries/Pays développés	9 399 190	14 677 813	20 778 381	8.3	9.3	7.2
Developing countries/Pays en voie de développement	2 195 524	3 675 913	6 065 566	10.7	10.9	10.6

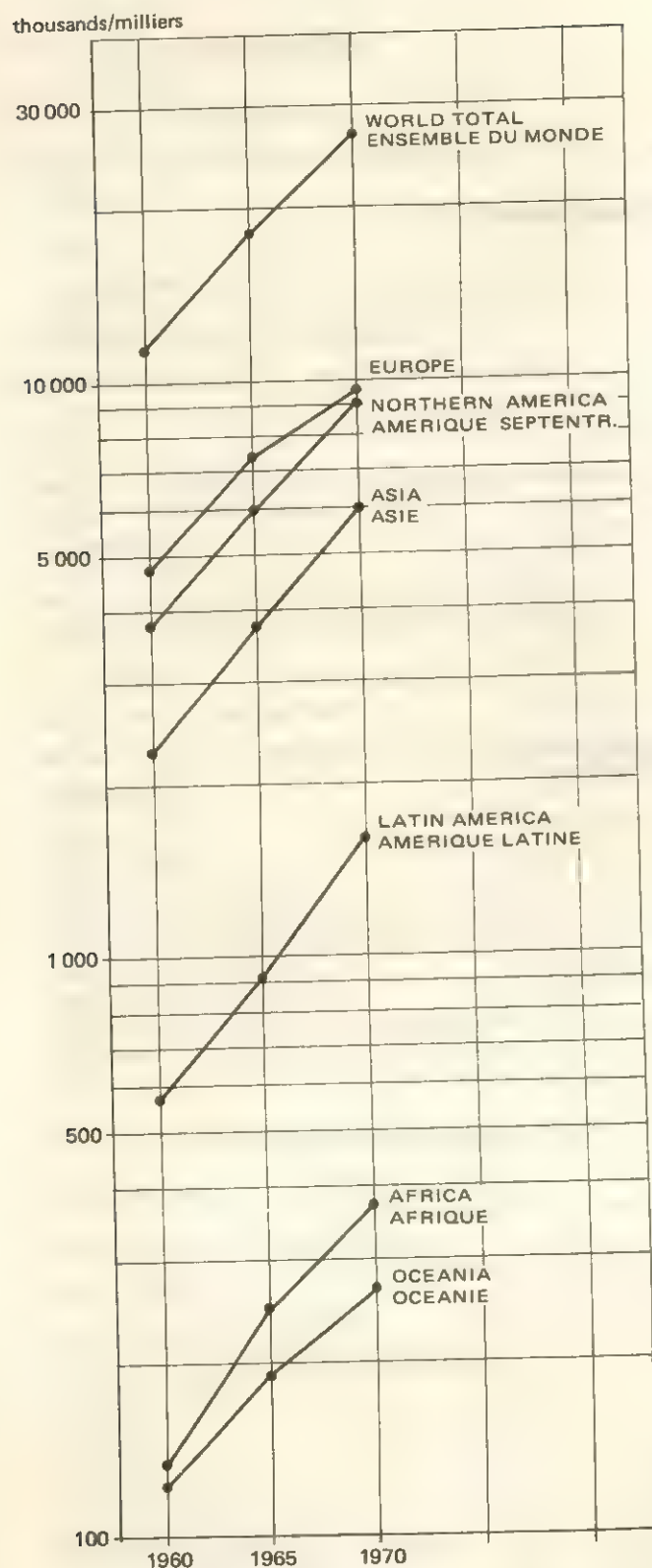
NOTE — The following countries are not included in the totals:

AFRICA : South Africa and Southern Rhodesia

ASIA : People's Republic of China, Democratic People's Republic of Korea and Democratic Republic of Viet-Nam.



Figure 1 — Total number of students



the developing countries as compared with almost 200 in the developed countries; striking differences may also be seen, however, between the regions that make up this latter group of countries by comparing the figures for Northern America with those of Europe. As the statistical studies below demonstrate, disparities in regard to the number of students per 10,000 inhabitants are sometimes very marked within a single region. During the decade the degree of scatter between countries has decreased, particularly in Latin America and, to a lesser extent, in Europe where it was already less marked in 1960. This trend is not seen either in Africa or Asia, where the degree of scatter is still extremely marked, due probably to the unequal development of higher education in the different countries.<sup>1</sup>

A certain correlation can also be noted between, for example, the enrolment growth rate during the period 1960-70 and the number of students per 10,000 inhabitants in 1960, i.e. high growth rates between 1960 and 1970 are more frequently noted in countries where the number of students per 10,000 inhabitants was low in 1960 and vice versa. This correlation was fairly close in Latin America ( $r = -0.5$ ) and a little less so in Asia ( $r = -0.4$ ); in Europe it was very weak although if we consider growth rates between 1965 and 1970 and the student population as a percentage of total population in 1965, we obtain a stronger correlation ( $r = -0.4$ ).

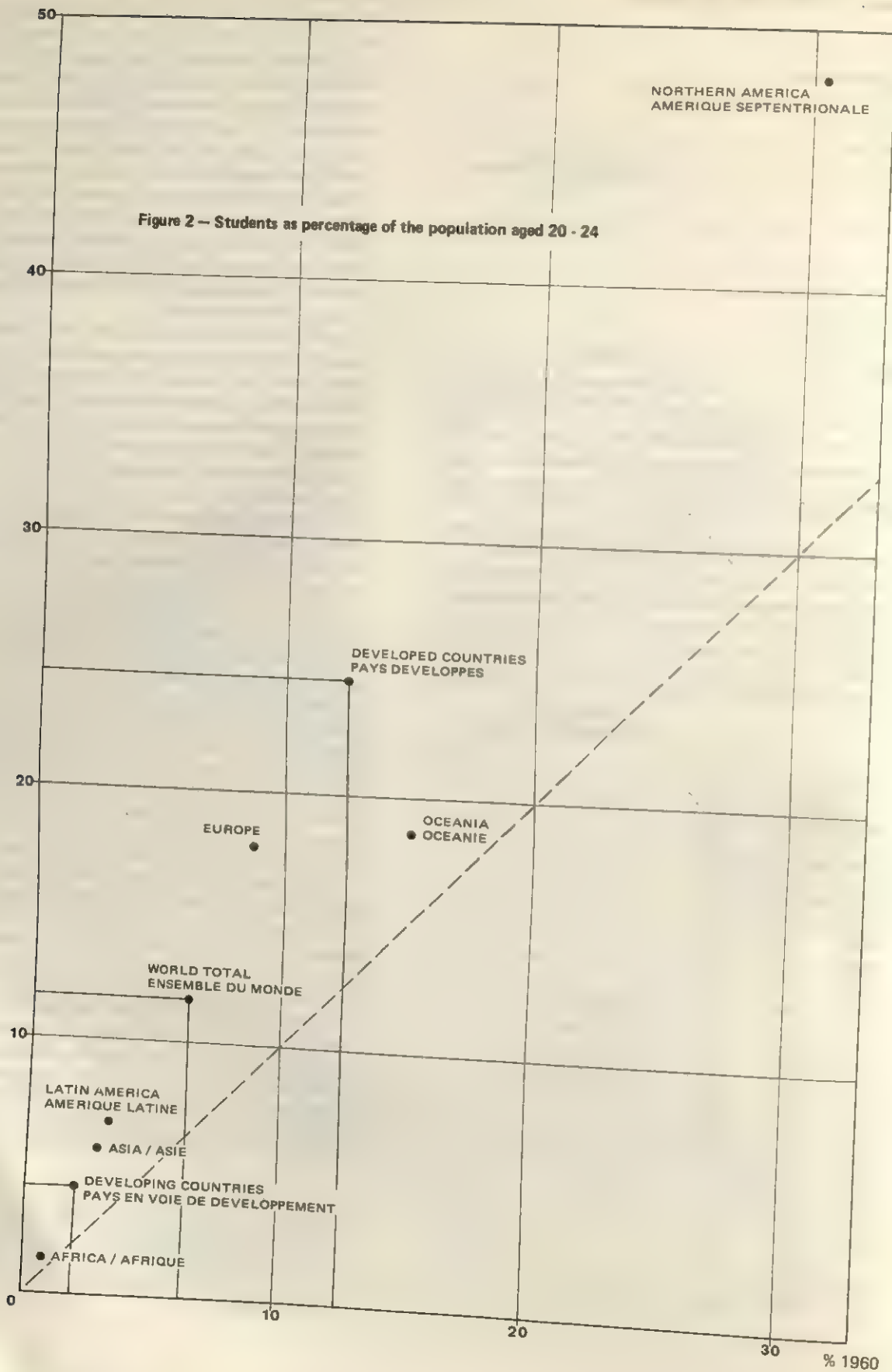
As it is not possible to calculate enrolment rates, the number of students has been related to the population in the 20 to 24 year age-group (Table 3) and the result termed the "enrolment ratio". The percentage calculated on this basis for 1970 has been compared in Figure 2 with that for 1960. In spite of the considerable growth in the number of students in the developing countries, they represent only 4.2% of the population in the 20 to 24 year age-group. In this sense the disparity in relation to the developed countries has continued to increase, as the latter countries have now achieved a ratio of 24.5% compared with 12.5% in 1960.

It will also be seen in Table 3 that enrolment is very unequal as regards sex. In 1970 the enrolment ratio (numbers of students as a percentage of the population in the 20 to 24 year age-group) was still at least twice as high for men as for women in three regions: Africa, Asia and Oceania. Admittedly, from this point of view, inequalities have been considerably reduced since 1960 although, in certain regions, this trend was more clearly marked between 1960 and 1965 than during the more recent period. As Table 4 indicates, in the developing countries the percentage of female students in the student population has grown very little between 1965 (29%) and 1970 (30%), in contrast to what was noted during the

1. Scatter has been measured by the coefficient of variation which is the standard deviation divided by the arithmetic mean. Expressed as a percentage, this coefficient dropped, between 1960 and 1970, from 72 % to 49 % in Latin America and from 38 % to 34 % in Europe. In Africa and Asia it exceeds 100, the standard deviation being equal to or higher than the mean.



% 1970





**Table 2 – Number of students per 10 000 inhabitants**

Regions/Régions	1960	1965	1970
<b>WORLD TOTAL/TOTAL MONDIAL</b>	<b>55</b>	<b>73</b>	<b>97</b>
Africa/Afrique	7	9	12
Latin America/Amérique latine	27	37	57
Northern America/Amérique septentrionale	190	275	402
Asia/Asie	27	34	48
Europe	73	109	135
Oceania/Océanie	98	134	159
Developed countries/Pays développés	99	146	197
Developing countries/Pays en voie de développement	19	25	35

**Table 3 – Student population as a percentage of the population in the 20 to 24 year age-group**

Regions/Régions	1960			1965			1970		
	MF	M	F	MF	M	F	MF	M	F
<b>WORLD TOTAL/TOTAL MONDIAL</b>	<b>6.3</b>	<b>8.3</b>	<b>4.2</b>	<b>9.5</b>	<b>12.0</b>	<b>6.9</b>	<b>11.7</b>	<b>14.1</b>	<b>9.1</b>
Africa/Afrique	0.8	1.3	0.2	1.0	1.7	0.4	1.4	2.2	0.6
Latin America/Amérique latine	3.2	4.5	1.9	4.5	6.0	2.9	6.7	8.6	4.8
Northern America/Amérique septentrionale	30.6	38.5	22.7	39.1	47.6	30.6	48.0	56.0	40.0
Asia/Asie	2.8	4.2	1.3	4.2	6.0	2.3	5.7	7.9	3.3
Europe	8.8	11.1	6.5	16.8	20.1	13.4	17.8	20.0	15.5
Oceania/Océanie	15.1	21.5	8.2	18.6	26.1	10.8	18.6	25.1	11.8
Developed countries/Pays développés	12.5	16.1	8.9	21.2	26.1	16.2	24.5	28.6	20.2
Developing countries/ Pays en voie de développement	2.0	3.0	1.0	3.0	4.2	1.7	4.2	5.7	2.5

M – Male student population as a percentage of the male population in the 20 to 24 year age-group  
F – Female student population as a percentage of the female population in the 20 to 24 year age-group

**Table 4 – Female students as a percentage of the total student population**

Regions/Régions	1960	1965	1970
<b>WORLD TOTAL/TOTAL MONDIAL</b>	<b>33</b>	<b>36</b>	<b>38</b>
Africa/Afrique	16	19	22
Latin America/Amérique latine	30	33	35
Northern America/Amérique septentrionale	37	39	41
Asia/Asie	23	27	28
Europe	37	39	43
Oceania/Océanie	26	28	31
Developed countries/Pays développés	35	38	41
Developing countries/Pays en voie de développement	25	29	30



previous period. In Asia the percentage was only 28% in 1970 as against 27% in 1965. In Europe, on the other hand, the increase in this percentage was very marked and women students represented 43% of the total student population in 1970. It should, however, be pointed out that these data, analysed globally, do not reflect differences between the countries that make up each of the regions in question. These differences can, at times, be very considerable — as can the efforts noted in many countries to achieve greater enrolment of women in higher education.

Exchanges of students are at times fairly considerable. The survey carried out by the Unesco Office of Statistics shows that in 1970 there were some 500,000 persons enrolled in higher education institutions in countries other than their own, which represents under 2% of the total world student population. In Europe as in Northern America the majority of students studying abroad are enrolled in other countries in the same region. The number of African students studying abroad was relatively high (about 60,000), over half of these being in Europe and a good number in Northern America. These two regions are also the main poles of attraction for students from Latin America (80% of a total of 55,000 students studying abroad) and Asia (65% of a total of 210,000 students studying abroad) although exchanges among the countries in the latter region are on a comparable scale.

The distribution of students by field of study varies fairly widely from one country to another and data do not enable this distribution to be established at the regional level. However, as the statistical study shows, certain trends in this respect are discernible in many countries. For example, the relative importance of law is steadily diminishing in almost all countries, the decrease being very marked in Latin America. Another example is the percentage enrolment in teacher training which is also diminishing in many European, Asian and African countries; the same trend can be seen in the medical sciences, more especially in Latin America and Europe. In these two regions, on the other hand, the social sciences are assuming increasing importance.

In general terms, female enrolment is, in relation to other fields of study, higher in "education" (teacher training), humanities and medical sciences.

Analysis of graduates by field of study and according to the stage of degree or diploma obtained shows that in many countries the majority of stage A diplomas or certificates are granted in "education" (teacher training). As regards stage B degrees, generally the most numerous, their distribution by field of study reflects the same trends as the distribution of student population. Lastly, studies leading to stage C degrees are much more widespread in the developed countries and represent only a very small part of higher education in the developing countries.



## I. NUMBERS OF STUDENTS ENROLLED

1. Trends in enrolment and in number of students per 10,000 inhabitants
2. Number of students in relation to the total population in the 20 to 24 year age-group
3. Distribution of student population by sex
4. Foreign students and enrolment ratio

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

1. Humanities, education and fine arts
2. Law and social sciences
3. Natural sciences
4. Engineering and agriculture
5. Medical sciences
6. Female students by field of study

## III. GRADUATES

1. Trends in the total number of graduates
2. Distribution of graduates by field of study
3. Proportion of women graduates

### EXPLANATORY NOTES

1. South Africa and Southern Rhodesia are not taken into consideration in this study.
2. The following symbols are used in the graphs:

ALG Algeria  
 BDI Burundi  
 CMR Cameroun  
 CAF Central African Republic  
 CNG Congo, People's Republic of  
 DAH Dahomey  
 EGY Egypt, Arab Republic of  
 ETH Ethiopia  
 GAB Gabon

GHA Ghana  
 GUI Guinea  
 IVC Ivory Coast  
 KEN Kenya  
 LES Lesotho  
 LIR Liberia  
 LIB Libyan Arab Republic  
 MAG Madagascar  
 MLW Malawi

MLI Mali  
 MAU Mauritius and dep.  
 MOR Morocco  
 NIR Nigeria  
 RWA Rwanda  
 SEN Senegal  
 SIL Sierra Leone  
 SOM Somalia  
 SUD Sudan

TAN Tanzania  
 TOG Togo  
 TUN Tunisia  
 UGA Uganda  
 ZAI Zaire, Republic of  
 ZAM Zambia



## I. NUMBERS OF STUDENTS ENROLLED

## 1. Trends in enrolment and in number of students per 10,000 inhabitants

In many African countries it was not until after 1965 that higher education really began to develop or, at least, to diversify. If we look at Fig. 1, it will be seen that, with the exception of certain countries and of Egypt more particularly, the number of students per 10,000 inhabitants in 1970 is very low. In 1960 this number was even

lower (under 5) in all countries, Egypt standing out in very clear contrast to Africa as a whole.

As a result, the growth rate in student enrolment (Table 1), which was very rapid between 1960 and 1965, involves in many cases no more than a limited number of students. Although the effort made between 1965 and 1970 may have been more considerable as, contrary to the preceding period, students are now numbered in thousands, it is nonetheless true that the rate of student enrolment growth has greatly decreased in several countries. It is also true that in certain cases, in spite of the

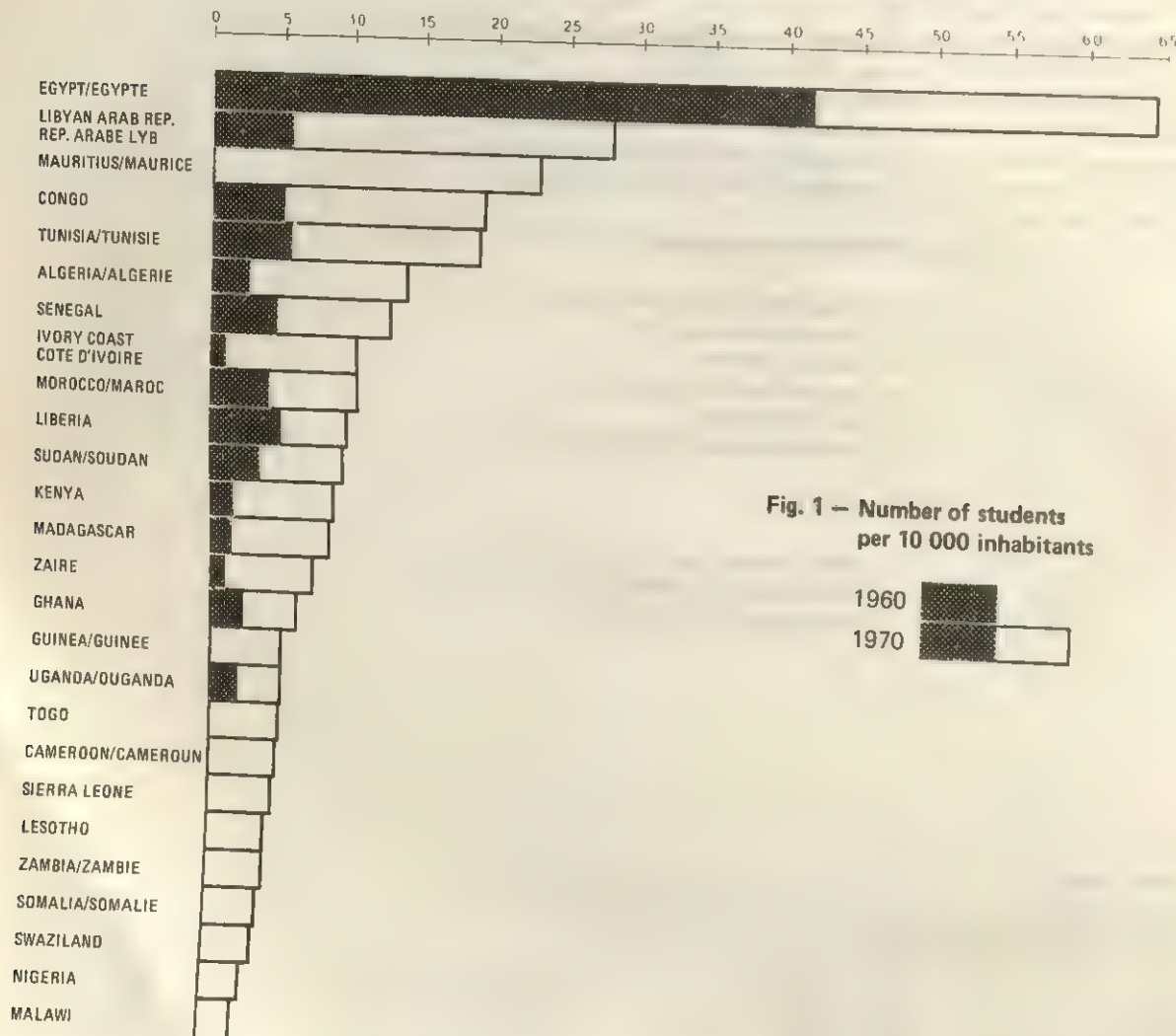
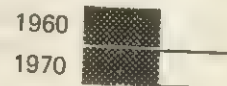


Fig. 1 — Number of students per 10 000 inhabitants



ETHIOPIA, TANZANIA, GABON, MALI, BURUNDI, DAHOMEY, RWANDA, CENTRAL AFRICAN REPUBLIC and UPPER VOLTA: under 2 in 1970.



**Table 1 — Average annual growth rates of enrolment in higher education**

Country/Pays	1960 - 1970	1960 - 1965	1965 - 1970
Algeria/Algérie	27.5	42.0	19.4
Burundi	32.5	46.3	19.9
Cameroon/Cameroun	23.0	33.0	16.1
Congo	17.1	22.4	12.0
Dahomey	37.5	17.6	51.5
Egypt/Egypte	7.4	10.3	4.6
Ethiopia/Ethiopie	17.8	20.6	15.0
Gabon	—	—	25.3
Ghana	13.7	26.4	2.3
Guinea/Guinée	—	—	39.3
Ivory Coast/Côte-d'Ivoire	29.2	36.8	22.0
Kenya	25.3	26.3	24.4
Lesotho	9.2	7.3	11.2
Liberia	8.7	7.2	10.1
Libyan Arab Republic/Rép. arabe libyenne	21.8	21.5	22.1
Madagascar	22.6	33.2	12.8
Malawi	—	—	60.5
Mali	28.7	12.7	39.4
Morocco/Maroc	13.2	14.0	12.3
Nigeria	18.6	25.3	13.5
Rwanda	—	—	27.7
Senegal/Sénégal	13.6	14.9	12.2
Sierra Leone	14.4	18.9	9.9
Sudan/Soudan	13.7	15.3	12.0
United Republic of Tanzania République-Unie de Tanzanie	—	—	30.3
Togo	—	—	64.7
Tunisia/Tunisie	16.8	22.7	11.3
Uganda/Ouganda	10.2	3.3	17.6
Upper Volta/Haute-Volta	—	—	45.6
Zaire Republic/Rép. du Zaïre	29.0	31.8	26.6
Zambia/Zambie	—	—	50.0

NOTE — Instead of 1960, the reference year is 1962 in Algeria, Dahomey and Mali, and 1961 in Cameroon, Kenya, Nigeria and Zaïre.

slowing down that has been noted, rates are, all the same, extremely high.

In order to have a clearer understanding of these rates, they should be analysed having due regard to what higher education represents in the different African countries (Table 2). The following observations can be made in this respect:

- (a) In Egypt which, from the point of view of higher education, is the African country with the highest enrolment figures, the slowing down in student enrolment growth has been very marked: 4.6% per annum between 1965 and 1970 as against 10.3% per annum between 1960 and 1965. The number of students per 10,000 inhabitants rose from 42 in 1960 to 65 in 1970;
- (b) In six countries (Libyan Arab Republic, Mauritius, Congo, Tunisia, Algeria and Senegal), the number of students per 10,000 inhabitants in 1970 varies between 13 and 28. In Mauritius a university was established only in 1969; in the Congo, Tunisia and Algeria, the annual growth rate in numbers of students fell away considerably between 1965 and 1970; in Senegal, the

slowing-down process is less apparent (12.2% per annum between 1965 and 1970 as against 14.9% per annum between 1960 and 1965) and, in Libya, the rate has remained stable at about 22% per annum;

- (c) In eight countries (Ivory Coast, Morocco, Liberia, Sudan, Kenya, Madagascar, Zaire and Ghana) the number of students per 10,000 inhabitants, fairly low in 1970, ranges from 6 to 10. With the exception of Liberia, growth rates — extremely high between 1960 and 1965 — have decreased during the 1965-1970 period. However, this falling off has been much more marked in Ghana (2.3% only per annum between 1965 and 1970 as against 26.4% per annum from 1960 to 1965), rates in other countries remaining at over 10% per annum;
- (d) In eleven countries (Guinea, Uganda, Togo, Cameroon, Sierra Leone, Lesotho, Zambia, Somalia, Swaziland, Nigeria and Malawi) there are fewer than 5 and over 2 students per 10,000 inhabitants. Only in Lesotho and Uganda has enrolment growth between 1965 and 1970 been greater than the rate during the 1960-1965 period. In certain countries (Togo, Zambia, Somalia,

Table 2 — Number of students per 10 000 inhabitants

Country/Pays	1960	1965	1970
Algeria/Algérie	2.5	6.8	13.9
Burundi	0.1	0.6	1.3
Cameroon/Cameroun	0.8	2.4	4.6
Central African Republic/Rep. centrafricaine	—	—	0.6
Congo	4.8	12.1	19.1
Dahomey	—	0.2	1.2
Egypt/Egypte	41.4	59.2	64.4
Ethiopia/Ethiopie	0.4	1.0	1.8
Gabon	—	0.5	1.4
Ghana	2.2	6.2	6.0
Guinea/Guinée	—	1.1	5.0
Ivory Coast/Côte-d'Ivoire	1.0	4.2	10.2
Kenya	1.5	3.3	8.5
Lesotho	1.9	2.5	3.9
Liberia	4.8	6.4	9.5
Libyan Arab Republic/Rep. arabe libyenne	5.4	11.9	27.8
Madagascar	1.4	5.2	8.3
Malawi	—	0.2	2.2
Mali	—	0.3	1.4
Mauritius/Maurice	1.2	1.3	22.9
Morocco/Maroc	4.0	6.8	10.2
Nigeria	0.9	1.9	2.6
Rwanda	—	0.4	1.1
Senegal/Sénégal	4.5	8.0	12.7
Sierra Leone	1.4	3.0	4.4
Somalia/Somalie	0.2	0.2	3.5
Sudan/Soudan	3.4	6.0	9.1
Swaziland	—	—	3.3
United Republic of Tanzania	—	0.5	1.5
République-Unie de Tanzanie	—	—	—
Togo	—	0.4	4.8
Tunisia/Tunisie	5.4	12.9	18.9
Uganda/Ouganda	1.9	2.0	4.9
Upper Volta/Haute-Volta	—	0.1	0.3
Zaire Republic/Rép. du Zaïre	0.9	2.4	7.1
Zambia/Zambie	—	—	3.9

NOTE — Algeria: 1962 instead of 1960.

Table 3 — Student population as a percentage of the population in the 20 to 24 year age-group (enrolment ratio).

Country/Pays	1960	1965	1970
Algeria/Algérie	0.30	0.82	1.69
Burundi	0.01	0.07	0.15
Cameroon/Cameroun	0.10	0.28	0.54
Central African Republic/Rép. centrafricaine	—	—	0.07
Congo	0.54	1.37	2.15
Dahomey	—	0.02	0.13
Egypt/Egypte	4.70	6.77	7.41
Ethiopia/Ethiopie	0.05	0.11	0.21
Gabon	—	0.05	0.16
Ghana	0.24	0.73	0.72
Guinea/Guinée	—	0.12	0.58
Ivory Coast/Côte-d'Ivoire	0.11	0.47	1.18
Kenya	0.17	0.38	0.97
Lesotho	0.22	0.29	0.45
Liberia	0.56	0.73	1.09
Libyan Arab Republic/Rép. arabe libyenne	0.62	1.40	3.39
Madagascar	0.16	0.59	0.95
Malawi	—	0.03	0.25
Mali	—	0.04	0.16
Mauritius/Maurice	0.15	0.18	2.53
Morocco/Maroc	0.46	0.77	1.19
Nigeria	0.10	0.24	0.30
Rwanda	—	0.04	0.13
Senegal/Sénégal	0.50	0.90	1.46
Sierra Leone	0.16	0.35	0.50
Somalia/Somalie	0.03	0.03	0.38
Sudan/Soudan	0.38	0.68	1.04
Swaziland	—	—	0.37
Tanzania/Tanzanie	—	0.05	0.19
Togo	—	0.05	0.54
Tunisia/Tunisie	0.65	1.56	2.24
Uganda/Ouganda	0.21	0.22	0.57
Upper Volta/Haute-Volta	—	0.01	0.04
Zaire Republic/Rép. du Zaïre	0.10	0.28	0.81
Zambia/Zambie	—	—	0.44

NOTE — Algeria: 1962 instead of 1960.



Swaziland and Malawi) the growth rate is largely due to the recent setting up of higher education institutions; (e) Lastly, the number of students per 10,000 inhabitants in 1970 was fewer than 2 in the following countries: Ethiopia, Tanzania, Gabon, Mali, Burundi, Dahomey, Rwanda, Central African Republic and Upper Volta.

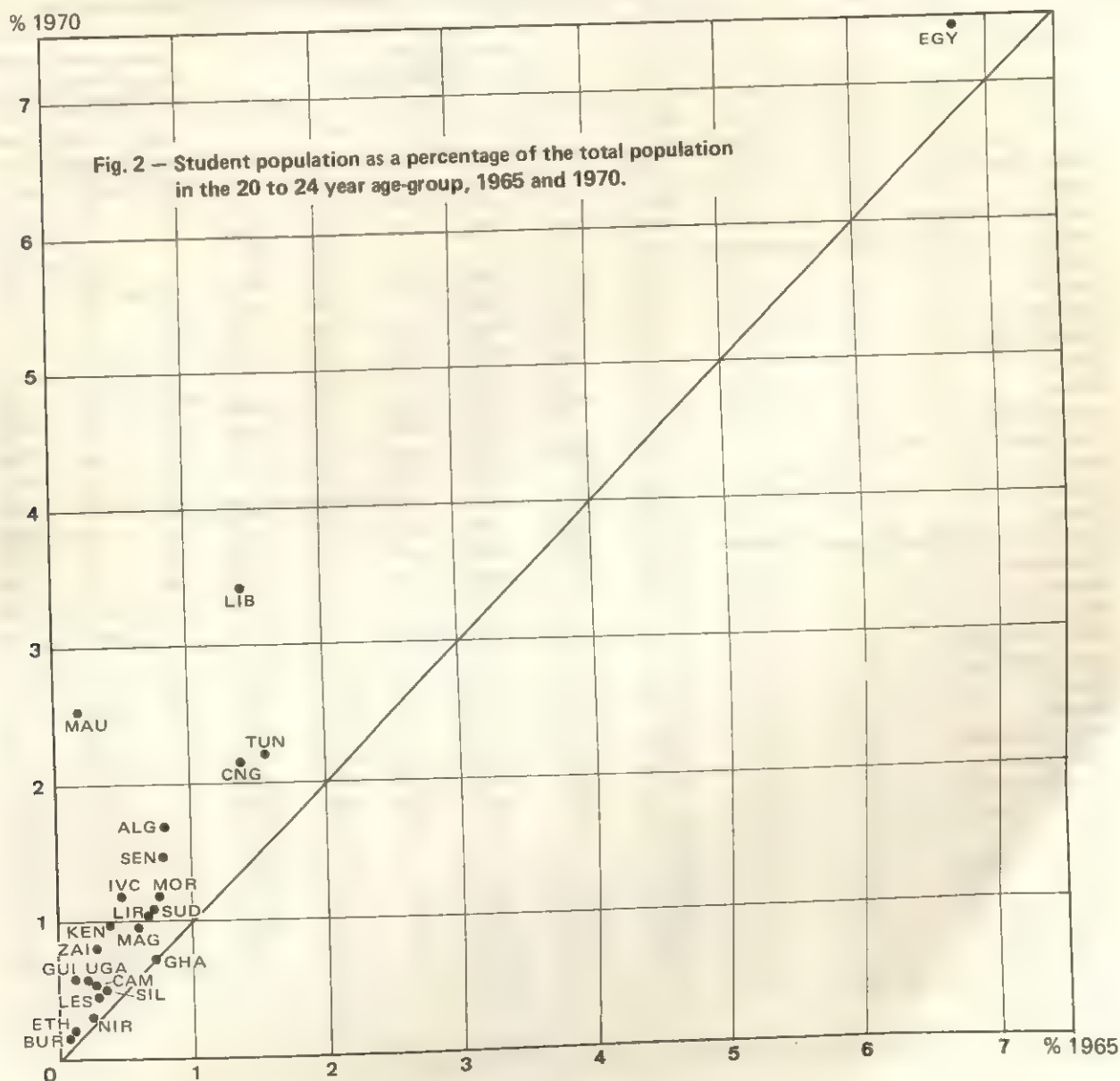
## 2. Number of students in relation to the total population in the 20 to 24 year age-group (enrolment ratio)

Table 3 shows the enrolment ratio as defined within the context of this study. It will be seen that in the majority of countries this ratio did not exceed even 1% in 1970. Egypt shows the highest ratio: 7.4% in 1970 as against 4.7% in 1965. It should be noted, however, that student numbers increased only slightly in Egypt from 1965 onwards and that this ratio consequently rose less between

1965 and 1970 than in the preceding period. Trends in this ratio in other countries during recent years are also shown in Fig. 2. The increase has been clearly marked in Mauritius and in the Libyan Arab Republic (3.4% in 1970 compared with 1.4% in 1965); in Tunisia and the Congo the ratio exceeded 2% in 1970 and, among the countries where it exceeded 1%, the increase was most noticeable in Algeria, Senegal and Ivory Coast.

## 5. Distribution of student population by sex

Female enrolment in higher education is, generally speaking, very low in Africa (Table 4). In 1970 the proportion of women in the total student population exceeded 20% in only seven countries: Swaziland (40%), Lesotho (34%), Madagascar (32%), Egypt (27%), Tunisia (23%), Liberia (22%) and Algeria (21%). At about the same time, the



corresponding figure was between 10% and 20% in 17 countries, including 6 (Senegal, Sierra Leone, Upper Volta, Ivory Coast, Togo and Mali) where it declined in comparison with 1965; the most marked increases were in Malawi and Sudan. In the ten other countries women represent less than 10% of total student numbers; their enrolment has increased in comparison with 1965 except in the Congo where, in 1970, it was only 5% as against 14% in 1965.

Table 4 also shows the enrolment ratio calculated separately for men and women, from which it can be seen that in 1970 enrolment in higher education was extremely unequal between the sexes. With the exception of Egypt and, to a lesser degree, Tunisia, the female enrolment ratio failed to reach 1% in any country whereas,

in the case of men students, it exceeded this figure in 16 countries. Although still marked in Egypt (10.7% for men and 4% for women) the difference between these two ratios has considerably decreased since 1965. In the Libyan Arab Republic the enrolment ratio was 5.8% for men in 1970 compared with under 1% for women; the discrepancy is very marked in the Congo and in Mauritius where male enrolment is twenty times higher than female enrolment.

#### 4. Foreign students and enrolment ratio

In 1970, according to the survey carried out by the Unesco Office of Statistics, there were approximately 28,000 foreign students enrolled in various African countries.

Table 4 — Male (M) and female (F) enrolment ratios<sup>1</sup> and percentage of women among the student population

Country/Pays	Enrolment ratio (%) Rapport de scolarisation (%)						Female students as percentage of total enrolment % de femmes parmi les effectifs		
	1960		1965		1970		1960	1965	1970
	M	F	M	F	M	F			
Algeria/Algérie	0.49	0.12	1.33	0.33	2.65	0.72	21	20	21
Burundi	0.02	0	0.13	0.01	0.28	0.02	7	5	6
Cameroon/Cameroun	0.19	0	0.55	0.02	1.01	0.08	0	4	8
Central African Republic/Rép. centrafricaine	—	—	—	—	0.13	0	—	—	3
Congo	...	...	2.43	0.37	4.15	0.21	...	14	5
Dahomey	—	—	0.04	0	0.25	0.02	—	3	7
Egypt/Egypte	7.72	1.62	10.60	2.80	10.70	4.00	17	21	27
Ethiopia/Ethiopie	0.09	0	0.21	0.02	0.39	0.03	4	7	8
Gabon	—	—	0.11	—	0.33	—	—	—	—
Ghana	0.42	0.05	1.28	0.16	1.23	0.21	11	11	14
Guinea/Guinée	—	—	0.23	0.01	1.07	0.09	—	4	8
Ivory Coast/Côte-d'Ivoire	0.19	0.02	0.76	0.15	2.01	0.33	11	16	14
Kenya	...	...	0.62	0.14	...	...	...	19	...
Lesotho	0.36	0.09	0.49	0.12	0.61	0.30	22	21	34
Liberia	0.85	0.22	1.15	0.31	1.71	0.47	21	21	22
Libyan Arab Republic/Rép. arabe libyenne	1.51	0.05	2.43	0.24	5.83	0.76	3	8	11
Madagascar	0.25	0.07	0.89	0.29	1.31	0.60	23	25	32
Malawi	—	—	0.05	0	0.41	0.09	—	7	18
Mali	—	—	0.06	0.01	0.29	0.04	—	12	11
Mauritius/Maurice	—	—	0.36	0	4.83	0.24	—	1	5
Morocco/Maroc	0.78	0.13	1.35	0.19	1.98	0.40	14	12	17
Nigeria	0.17	0.01	0.36	0.05	0.50	0.09	7	12	14
Rwanda	—	—	0.09	—	0.24	0.03	—	3	9
Senegal/Sénégal	0.83	0.18	1.48	0.32	2.43	0.49	17	18	17
Sierra Leone	0.29	0.04	0.58	0.12	0.83	0.16	11	17	16
Somalia/Somalie	0.05	0.01	0.05	0.01	0.67	0.10	13	10	13
Sudan/Soudan	0.71	0.04	1.25	0.10	1.79	0.28	5	7	13
Swaziland	—	—	—	—	0.47	0.28	—	—	40
Tanzania/Tanzanie	—	—	0.09	0.01	0.29	0.06	—	13	17
Togo	—	—	0.09	0.02	0.98	0.12	—	19	12
Tunisia/Tunisie	1.06	0.22	2.56	0.56	3.39	1.05	17	18	23
Uganda/Ouganda	0.37	0.05	0.37	0.07	0.93	0.20	12	14	18
Upper Volta/Haute-Volta	—	—	0.01	0	0.07	0.01	—	21	15
Zaire Republic/Rép. du Zaïre	—	—	0.54	0.03	1.57	0.09	—	5	6
Zambia/Zambie	—	—	—	—	0.76	0.13	—	—	15

1. Number of students in relation to the population in the 20 to 24 year age-group.



Most of these students – over 13,000 – were in Egypt and represented 6% of the total number of students enrolled in that country. This proportion is particularly high in Ivory Coast and Senegal where foreign students represented in 1970 55 and 45% respectively of enrolment at Abidjan and Dakar universities. In certain countries higher education institutions are regional – or almost so – in character, either because several States share in their financing or because they exchange students on a considerable scale. This can be noted, for example, as between

Dahomey and Togo, between Kenya, Uganda and Tanzania and between Botswana, Lesotho and Swaziland.

The same survey discloses that a very large number of African students study abroad, over 50,000 in 1970. In certain countries, such as the Central African Republic, Dahomey, Gabon, Rwanda and Upper Volta, this represents the principal means of training highly qualified personnel.

Table 5 reveals the effect of these two factors – foreign students and students abroad – on calculation of the

**Table 5 – Student population as a percentage of the total population in the 20 to 24 year age-group (enrolment ratio)**

Country/Pays	National and foreign students enrolled in the country <sup>1</sup> Effectifs nationaux et étrangers dans le pays <sup>1</sup>		National students enrolled in the country <sup>1</sup> Effectifs nationaux dans le pays <sup>1</sup>		National students enrolled in the country and abroad <sup>1</sup> Effectifs nationaux dans le pays et à l'étranger <sup>1</sup>	
	1965	1970	1965	1970	1965	1970
Algeria/Algérie	0.82	1.69	0.63	1.52	0.81	1.68
Burundi	0.07	0.15	0.04	0.12	0.08	0.25
Cameroon/Cameroun	0.28	0.54	0.25	0.51	0.50	0.76
Central African Republic/Rép. centrafricaine	—	0.07	—	0.07	0.18	0.44
Congo	1.37	2.15	0.86	1.34	1.24	1.86
Dahomey	0.02	0.13	0.01	0.10	0.41	0.61
Egypt/Egypte	6.77	7.41	6.12	6.95	6.27	7.12
Ethiopia/Ethiopie	0.11	0.21	0.11	0.20	0.15	0.28
Gabon	0.05	0.16	0.05	0.16	0.52	1.53
Ghana	0.73	0.72	0.70	0.68	0.92	0.92
Guinea/Guinée	0.12	0.58	0.11	0.57	0.38	0.73
Ivory Coast/Côte-d'Ivoire	0.47	1.18	0.23	0.72	0.39	0.90
Kenya	0.38	0.97	0.32	0.86	0.69	1.23
Lesotho	0.29	0.45	0.10	0.17	0.16	0.22
Liberia	0.73	1.09	0.65	0.94	1.09	1.37
Libyan Arab Republic/Rép. arabe libyenne	1.40	3.39	1.32	2.88	1.88	3.72
Madagascar	0.59	0.95	0.47	0.81	0.58	0.92
Malawi	0.03	0.25	0.03	0.25	0.10	0.33
Mali	0.04	0.16	0.04	0.16	0.18	0.27
Mauritius/Maurice	0.18	2.53	0.18	2.53	1.17	3.23
Morocco/Maroc	0.77	1.19	0.69	1.15	0.90	1.36
Nigeria	0.24	0.30	0.21	0.29	0.30	0.39
Rwanda	0.04	0.13	0.04	0.13	0.11	0.30
Senegal/Sénégal	0.90	1.46	0.34	0.85	0.47	1.00
Sierra Leone	0.35	0.50	0.26	0.43	0.44	0.70
Somalia/Somalie	0.03	0.38	0.02	0.37	0.21	0.63
Sudan/Soudan	0.68	1.04	0.66	1.00	0.86	1.18
Swaziland	—	0.37	—	0.37	0.18	0.88
Tanzania/Tanzanie	0.05	0.19	0.04	0.16	0.20	0.35
Togo	0.05	0.54	0.01	0.31	0.38	0.71
Tunisia/Tunisie	1.56	2.24	1.42	2.12	2.32	2.74
Uganda/Ouganda	0.22	0.57	0.13	0.44	0.34	0.73
Upper Volta/Haute-Volta	0.01	0.04	0.01	0.04	0.08	0.18
Zaire Republic/Rép. du Zaïre	0.28	0.81	0.25	0.77	0.35	0.86
Zambia/Zambie	—	0.44	—	0.39	0.10	0.48

1. As a % of the total population in the 20 to 24 year age-group.

Table 6 -- Average annual growth rates of enrolment by field of study (as a %)

Country/Pays	Humanities Lettres		Education		Fine arts Beaux-arts		Law Droit		Social sciences Sciences sociales		Natural sciences Sciences exactes et naturelles		Engineering Sciences de l'ingénieur		Medical sciences Sciences médicales		Agriculture	
	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70	1960-65	1965-70
Algeria/Algérie	26.5 <sup>1</sup>		...		-8.0		24.1		15.4		12.9		14.5		23.9		13.8	
Cameroon/Cameroun	36.2		18.9		-		6.3 <sup>2</sup>		-		21.5		-		-		-	
Congo	15.1		11.3		-		20.8		27.5		2.3		-		-		-	
Egypt/Egypte	3.7	12.6	9.0		18.5		4.5		11.3		13.4		15.5		13.4		12.6	
Ghana	27.0	30.6	2.0		39.3		21.6		33.6		20.7		15.9		13.8		4.4	
Ivory-Coast/Côte d'Ivoire	45.8	-	8.3		-		18.6 <sup>2</sup>		-		48.5		-		-		-1.8	
Kenya <sup>3</sup>	27.2		-		13.4		-		30.8		14.7		-		28.6		-	
Liberia	19.1 <sup>4</sup>		1.2		-		-3.6		...		21.7		10.2		-		25.0	
Libyan Arab Republic											...		-		40.0		18.7	
République arabe libyenne	17.6		50.8		-		16.1		8.7		3.6		24.8		-		-	
Madagascar	31.3		12.7		-		7.0 <sup>2</sup>		2.4		10.0		-		61.8		8.9	
Morocco/Maroc	20.3		13.0		-		...		8.5 <sup>5</sup>		-0.5		-2.3		20.2		30.4	
Nigeria	5.4		-0.5		5.1		13.6		11.2		12.3		13.3		20.8		14.5	
Senegal/Sénégal	14.8		0.6		-		7.4		-		5.2		-		24.5		-	
Sierra Leone	16.8		39.2		-		-		13.0		1.5		41.7		-		-	
Sudan/Soudan	13.2	28.0	-2.1		1.2		10.5		25.0		7.8		2.1		5.1		1.4	
Tunisia/Tunisie																	15.2	
(1961, 1965, 1968)	24.0	6.7	36.0	-8.9	-		10.3		21.0		20.0		-		-		31.0	16.3
Uganda/Uganda <sup>6</sup>	7.6 <sup>7</sup>	20.4 <sup>4</sup>	22.9	7.8	19.5		-		...		-9.0		-		13.9		3.6	29.1
Zaire Republic																		
République du Zaïre	42.0		14.7		33.0		65.0		36.0		31.0		31.0		13.3		29.0	

1. Education is included into humanities.

2. Law and economics

3. University of Nairobi only

4. Humanities, social sciences and natural sciences are counted together.

5. Law is included with social sciences.

6. University of Makerere only.

7. Humanities and social sciences are counted together.



enrolment ratio. This ratio has been calculated in three different ways: the first column gives the total enrolment (national plus foreign students) in each country; the second column shows only nationals enrolled in their own countries; and the third column shows the total number of national students, including those abroad.

It is obvious that in countries where the proportion of foreign students is high the ratio calculated by taking into account only national students enrolled in their own country is noticeably lower than the overall ratio. This is the case, for example, with the Congo, Ivory Coast, Lesotho, Libya and Senegal. In many other countries, the enrolment ratio, extremely low if students abroad are disregarded, improves considerably when the latter are taken into consideration.

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

Table 6 sets out growth rates in enrolment by field of study for the majority of African countries. Certain countries do not appear, either because higher education has only recently been introduced or because the number of students is still low, so that analysis of growth rates would have very little significance. As Table 5 shows, these rates have been calculated, in preference, for the period 1965 to 1970.

On the other hand, the distribution of students by field of study, expressed as a percentage, is shown in Table 7 for all countries. The analysis covers the trends in this percentage between 1965 and 1970 in the majority of countries and between 1960 and 1965 for a few countries only. The graphs do not take into consideration all the percentages set out in Table 6 since, in certain countries, fields of study became diversified only towards 1970.

### 1. Humanities, education and fine arts

#### (a) Humanities

It will be seen from Figure 3 that in most countries the proportion of students in the humanities category increased between 1965 and 1970. The increase was particularly marked in Cameroon, Madagascar, Morocco and Rwanda; in the Libyan Arab Republic the percentage, already extremely high in 1965 (35%), rose to 41% in 1970.

It should, however, be noted that in almost all countries for which data are available for the whole decade, the relative importance of this category had decreased during the preceding period, i.e. between 1960 and 1965. As Figure 4 indicates, in fact, it increased only in Ivory Coast, Ethiopia and, to a lesser degree, in Tunisia. In the more recent period, however, from 1965 to 1970, the opposite tendency can be seen. In the other countries where the percentage of students in this category had not increased between 1965 and

Fig. 3 — Humanities —  
Percentage of students, 1965 and 1970

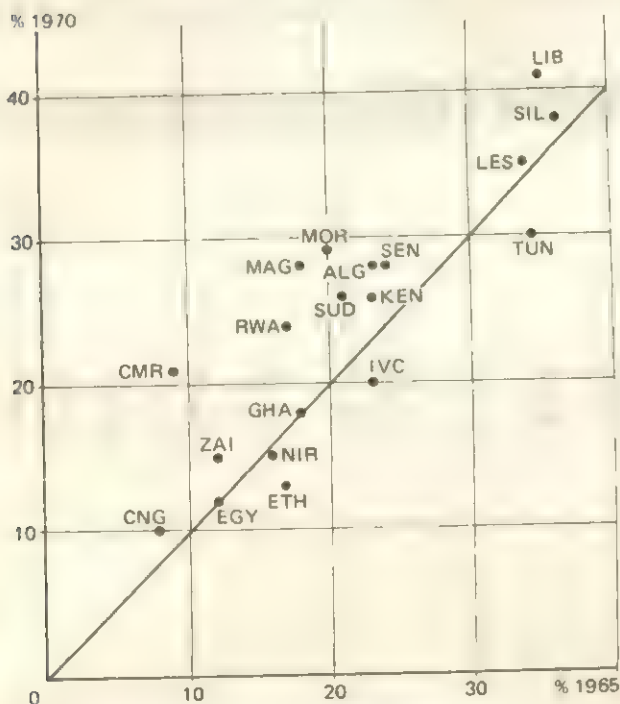


Fig. 4 — Humanities —  
Percentage of students, 1960 and 1965

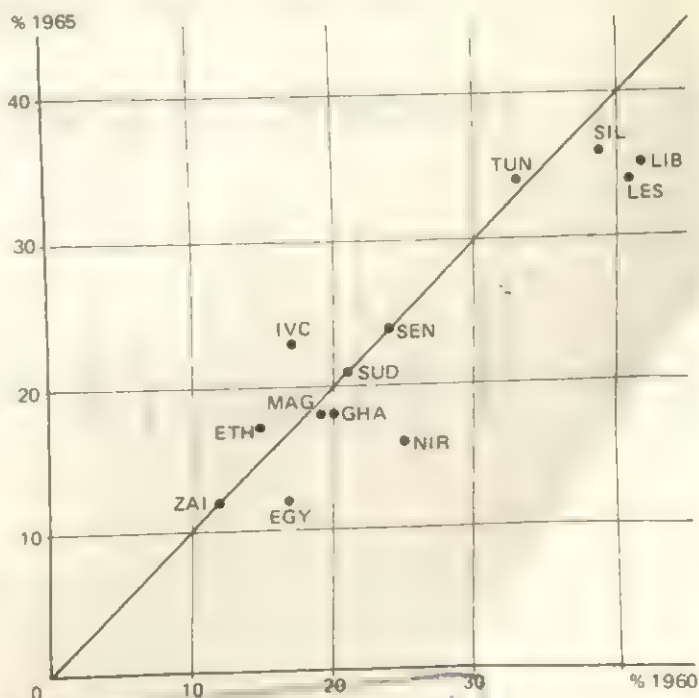


Table 7 — Distribution of students by field of study (as a %)

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences sociales	Natural sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences médicales	Agriculture
Algeria/Algérie	1965	23		3	11	15	19	4	21	1
	1970	28		1	14	12	15	4	26	1
Burundi	1965	15	14		11	27	6		22	6
	1970	22 <sup>1</sup>	...		16	21	20 <sup>1</sup>	3	14	4
Cameroon/Cameroun	1961		5		94 <sup>2</sup>					1
	1965	9	11		63 <sup>2</sup>		13			4
	1970	21	13		41 <sup>2</sup>	5	16		3	2
Central African Republic République centrafricaine	1970				60	17				23
Congo	1965	8	20		40	3	10		18 <sup>3</sup>	
	1970	10	20		58	6	7		3	
Dahomey	1965						100			
	1970						100			
Egypt/Egypte	1960	17	6	1	13	23	5	13	9	11
	1965	12	7	2	10	24	5	16	11	13
	1970	12	9	2	9	22	4	16	15	13
Ethiopia/Ethiopie	1960	15	9		4	12	11	25	6	21
	1965	17	28		4	15	6	13	6	11
	1970 <sup>4</sup>	13	24		8	13	9	10	9	14
Gabon	1965							52		48
	1970							60		40
Ghana	1960	20	24	7	4	7	19	11		7
	1965	18	29	11	3	9	15	7	5	2
	1969	18	31	10	3	7	9	8	7	8
Guinea/Guinée	1970					35	48		11	6
Ivory Coast/Côte-d'Ivoire	1960	17			71 <sup>2</sup>		12			
	1965	23	16		35 <sup>2</sup>		19		8	
	1970	20	9		45 <sup>2</sup>		14		10	
Kenya <sup>5</sup>	1965	23		9		15	14	28		9
	1970	26	1	6	2	19	13	15	8	10
Lesotho	1960	41	7			22	31			
	1965	34	8		9	22	28			
	1970	35	5		8	25	27			
Liberia	1965	60 <sup>6</sup>	24		5	...	...		1	10
	1969	66 <sup>6</sup>	14		3	...	...		2	11
Libyan Arab Republic République arabe libyenne	1960	42				43	16			
	1965	35	4		12	23	14	10		
	1970	41	12		10	13	6	12	1	6



Madagascar	1960	19	-	-	52 <sup>2</sup>	3	17	-	8
	1965	18	4	-	46 <sup>2</sup>	9	19	1	1
	1970	28	4	-	35 <sup>2</sup>	6	17	2	7
Malawi	1970	19	15	-	2	16	14	10	4
Mali	1965	-	60	-	40	-	-	-	-
	1970	-	32	-	40	-	-	12	4
Mauritius/Maurice	1970	-	-	-	-	68	-	18	14
Morocco/Maroc	1965	20	17	-	-	44	8	4	6
	1970	29	17	-	17	21	4	2	2
Nigeria	1961	25	6	4	-	20	21	8	11
	1965	16	22	2	4	19	15	6	7
	1970	15	13	1	5	20	17	7	12
Rwanda	1965	17	-	-	-	36	25	-	21
	1970	24	-	-	-	20	26	-	31
Senegal/Sénégal	1960	24	-	-	40	-	25	-	11
	1965	24	4	-	28	10	16	1	16
	1970	28	2	-	22	13	10	2	20
Sierra Leone	1960	39	4	-	-	29	25	2	-
	1965	36	6	-	-	22	12	6	-
	1970	38	19	-	-	7	12	10	13
Somalia/Somalie	1965	-	-	-	47	53	-	-	-
	1970	-	24	-	32	34	5	-	5
Sudan/Soudan	1962	21	7	2	12	19	11	16	7
	1965	21	10	1	11	26	9	12	6
	1970	26	5	1	11	27	9	10	6
United Republic of Tanzania République-Unie de Tanzanie	1970	29	43	-	8	-	3	-	6
Togo	1965	100	-	-	-	-	-	-	-
	1970	39	5	-	23	19	14	-	-
Tunisia/Tunisie	1961	33	8	-	25	7	24	-	-
	1965	34	12	-	16	9	21	-	6
	1968	30	6	-	16	12	23	-	9
Uganda/Ouganda <sup>7</sup>	1960	34 <sup>8</sup>	8	3	-	... <sup>8</sup>	31	-	15
	1965	37 <sup>8</sup>	17	4	-	... <sup>8</sup>	14	-	22
	1970	39 <sup>8</sup>	10	4	3	... <sup>8</sup>	16	-	16
Zaire Republic République du Zaïre	1961	12	5	-	27	15	7	5	11
	1966	12	8	1	4	22	14	6	10
	1969	15	5	1	7	25	14	6	3
Zambia/Zambie	1966	61 <sup>8</sup>	13	-	-	... <sup>8</sup>	26	-	-
	1970	39 <sup>8</sup>	15	-	5	... <sup>8</sup>	23	10	3

1. Education is included in part with humanities and in part with natural sciences.

2. Law and economics.

3. The Medico-social Centre ceased operations in 1968.

4. Distribution is calculated in relation to a total from which first-year students (25% of the total) are excluded as since 1969 they have no longer been classified by field of study.

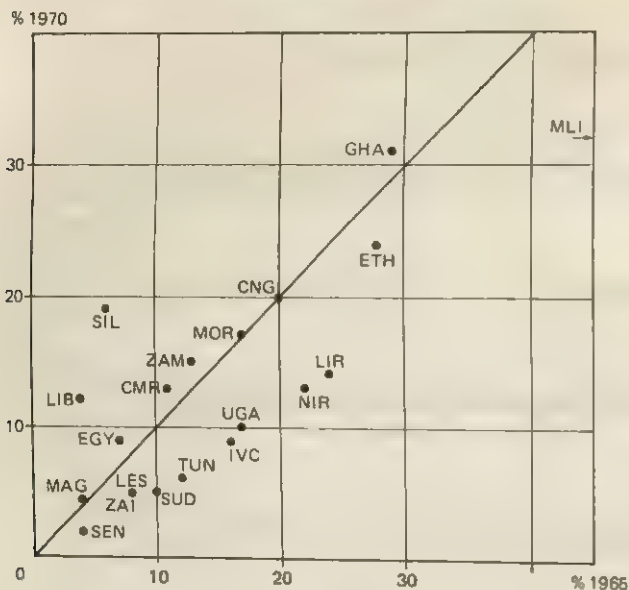
5. University of Nairobi only.

6. Humanities, social sciences and natural sciences are counted together.

7. University of Makerere only.

8. Social sciences are included with humanities.

Fig. 5 — Education — Percentage of students, 1965 and 1970



1970 (Egypt, Nigeria and Ghana) there is no increase either between 1960 and 1965.

(b) Education (teacher training)

In the Libyan Arab Republic and in Sierra Leone, the growth in student numbers between 1965 and 1970 was more rapid in "education" than in other fields of study. (See Table 6). It is, hence, only in these two countries that the percentage of these students has clearly increased (Figure 5): 12% in 1970 as against 4% in 1965 in the Libyan Arab Republic and 19% in 1970 as against 6% in 1965 in Sierra Leone. In all the other countries, the proportion has remained stable or has decreased.

Fig. 7 — Law — Percentage of students, 1965 and 1970

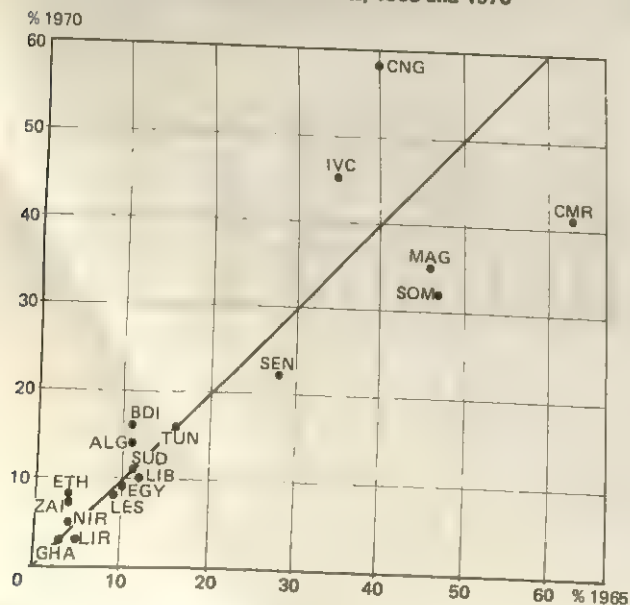
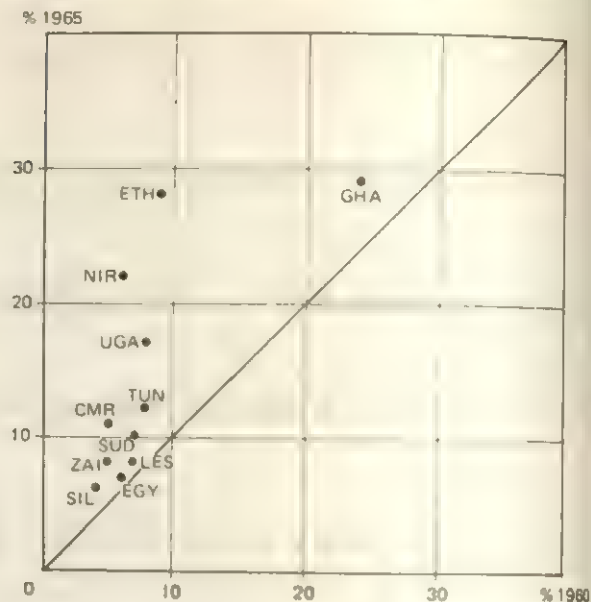


Fig. 6 — Education — Percentage of students, 1960 and 1965



It is interesting to note in Figure 6 that this percentage had, however, increased between 1960 and 1965 in all countries for which 1960 statistics are available. The increase was, in fact, very considerable in Nigeria, Ethiopia and Uganda; but these three countries are also characterized by a fall in the relative importance of this field of study when we compare the years 1970 and 1965.

It has already been pointed out in the introduction that as regards distribution by field of study, the purpose of this analysis is not to compare percentages noted in the different countries but rather trends within a single country. In the case of teacher training in Africa the difficulty in comparing the percentage of students from one country to another is even more

Fig. 8 — Law — Percentage of students, 1960 and 1965

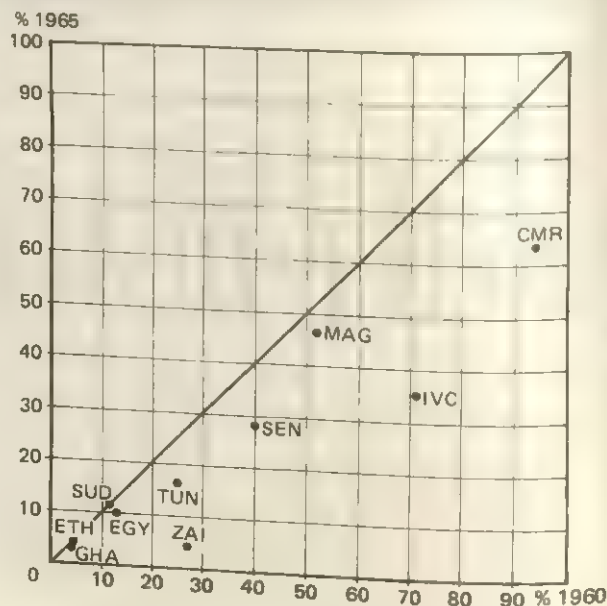
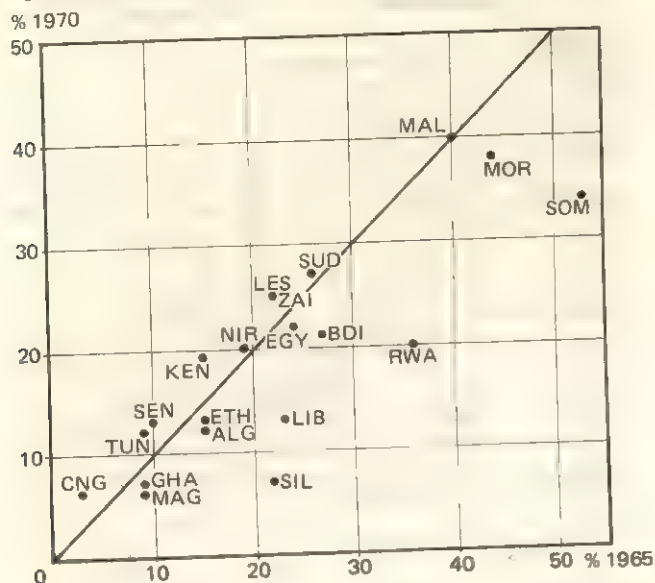




Fig. 9 — Social sciences — Percentage of students, 1965 and 1970



marked. This percentage tends to be lowest in those countries where faculties of letters and sciences play a primary rôle in the training of teachers (Senegal, Zaire, Madagascar, among others), without the students in question being counted in the "education" category. The percentage is very high, on the other hand, in certain countries such as Ghana (31%) and Tanzania (43%) which include in this category all students whose training is intended to equip them for teaching.<sup>1</sup>

### (c) Fine arts

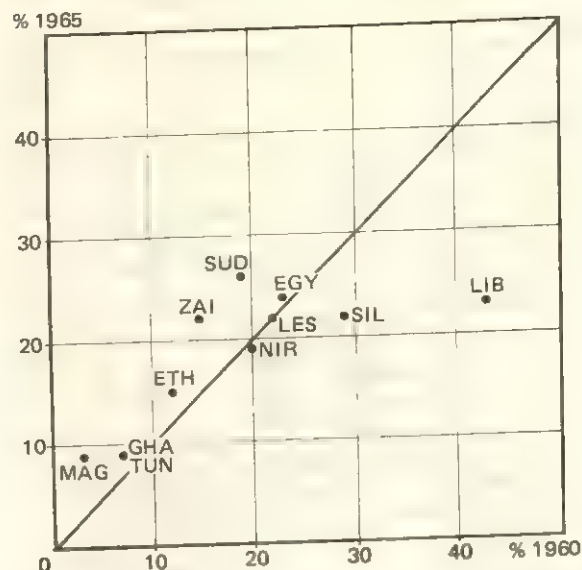
Studies in the fine arts sector are almost non-existent in Africa as they can be identified in eight countries only (Table 7). In five countries these students represent less than 2% of the total student population in 1970. The percentage is, however, high in Ghana (10% in 1970 as against 7% in 1960) whereas in Kenya it dropped to 6% in 1970 from 9% in 1965.

## 2. Law and social sciences

### (a) Law

In certain countries higher education commenced with the establishment, more especially, of faculties of law and economics.<sup>2</sup> Thus in 1960 students in this category represented 94% of the total student population in Cameroon, 71% in Ivory Coast, 52% in Madagascar and 40% in Senegal. As Figure 8 indicates, in all countries for which data are available this percentage fell between 1960 and 1965, and in fact, to a marked extent Zaire, Ivory Coast and Cameroon. This tendency can also be seen between 1965 and 1970 in several of these countries (Figure 7) and more particularly in Cameroon where the percentage dropped to 41% in 1970. Table 6 also shows that, in relation to

Fig. 10 — Social sciences — Percentage of students, 1960 and 1965



other fields of study, the growth in numbers of law students has been very slight during the recent period in Cameroon, Madagascar and Senegal.

Two countries are marked, however, by an increase in the relative importance of this category between 1965 and 1970. They are the Congo and Ivory Coast where the percentage, already high in 1965, rose in 1970 to 58% and 45% respectively. The sharp variations in this percentage in Ivory Coast (71% in 1960, 35% in 1965 and 45% in 1970) are due to the regulations introduced in 1965 in regard to the competitive examination for the course leading to the certificate of competence in law. It should be noted in this respect that certain countries, including Ivory Coast, count those enrolled in such courses leading to the *certificat de capacité en droit* as law students. The number of these students, which is very considerable (over half the total number of law students in Ivory Coast), varies sharply at times which explains to a large extent a sudden drop or increase in the total number.

It can be seen, lastly, that the percentage of law students is fairly stable in the other countries and under 10% in many of them.

### (b) Social sciences

Comparison of Figures 9 and 10 reveals certain important aspects in the trend of enrolment in the social sciences. Since 1960 it has diminished in the Libyan Arab Republic and in Sierra Leone, dropping from 43% to 13% in 1970 in the first case, and from 29% to 7% in 1970, in the second. In Sierra Leone the

1. The statistical tables also show that in Tanzania for example, this category did not include all such students before 1970 and the percentage was thus extremely low up to 1969 (9%).
2. It has not always been possible to show law and economics separately. However, the very large majority of these students are, in fact, enrolled in law.

Fig. 11 — Natural sciences — Percentage of students, 1965 and 1970

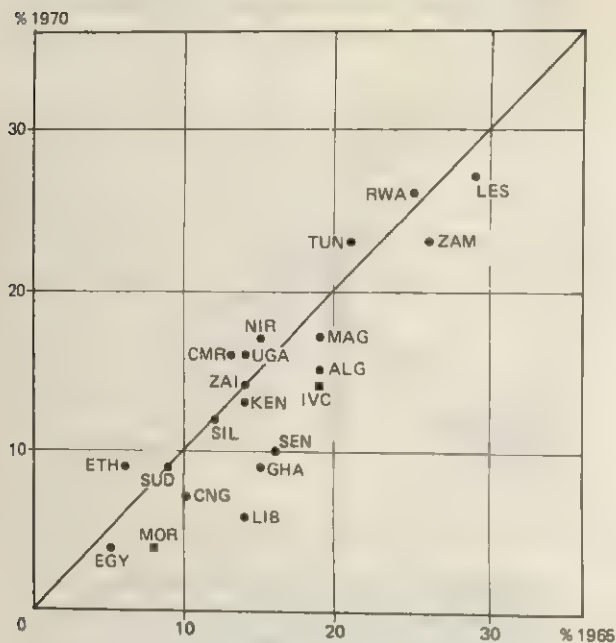
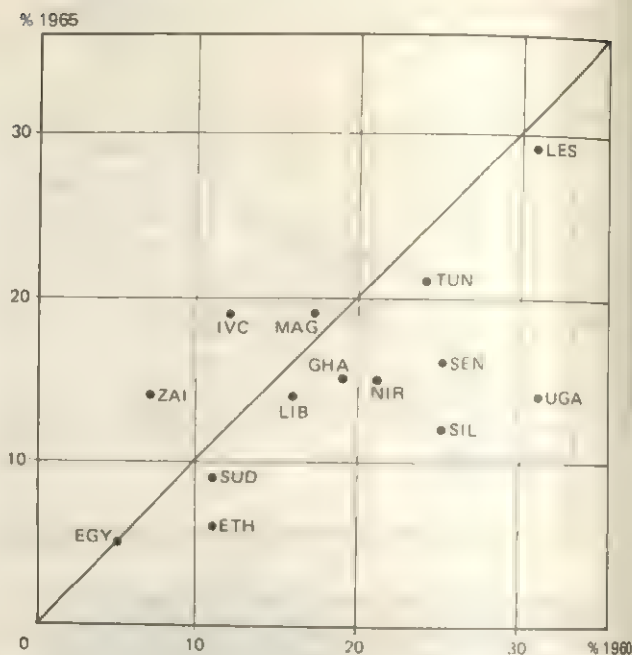


Fig. 12 — Natural sciences — Percentage of students, 1960 and 1965



number of students enrolled in the social sciences, in fact, decreased in absolute terms between 1965 and 1970. In the other countries where statistics are available for the whole ten-year period, it appears that the relative importance of the social sciences increased on the whole between 1960 and 1965. Figure 9 shows indeed, that during the 1965-1970 period the percentage of these students fell in the majority of these countries, as well as in others for which only this period has been taken into consideration. In countries where an increase in the percentage can be seen, it has been relatively slight (Kenya, Senegal and Tunisia) or involves only a very small percentage (Congo).

### 3. Natural sciences

The growth rate in numbers of students in this category is relatively low; of the 17 countries included in Table 6 for the period 1965-1970, there are 11 where it is lower than the average rate for the student population as a whole. In certain countries, such as the Libyan Arab Republic, the deviation is very marked: between 1965 and 1970 the number of students enrolled in the natural sciences increased at a rate of 3.6% per annum (as against 19.3% per annum in 1960-65) whereas the rate for the student population as a whole was 22% per annum (21.5% per annum in 1960-65). Although in six countries (Cameroon, Ghana, Sierra Leone, Tunisia, Uganda and Zaire) the opposite tendency can be noted, there is no country in which growth in this field of study has been, in relation to the others, the most rapid.

These facts can be assessed in a different light in Figures 11 and 12: the percentage of students enrolled in the natural sciences is stable or is clearly declining in almost all countries. This trend can be seen during both the 1960-65 and the 1965-70 periods, the only important exceptions occurring during the former period in Zaire and Ivory Coast. Thus of the six countries that had over 20% of their students enrolled in this field of study in 1960 (Figure 12), only two (Lesotho and Tunisia) remain in this category in 1970 (Figure 11).

### 4. Engineering and agriculture

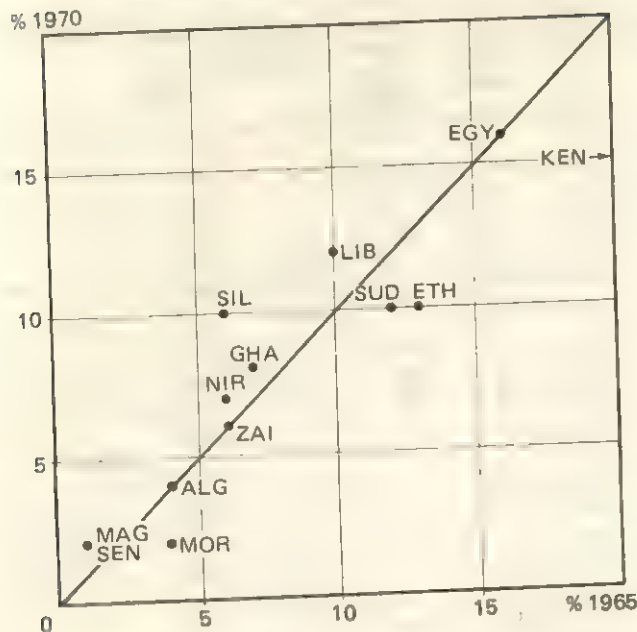
#### (a) Engineering

As Table 7 indicates, in several countries engineering studies are not as yet developed or have only been so recently.<sup>1</sup> In countries where this training was already being provided in 1965, its relative importance has scarcely grown, the notable exception being Sierra Leone (10% in 1970 as against 6% in 1965). A decrease in this percentage has been, in fact, very marked in some of them, as in the case of university training in Kenya (15% in 1970 as against 28% in 1965) and, more especially, in Ethiopia where the percentage — 25% in 1960 — dropped to 13% in 1965 and 10% in 1970 (see Figure 13).

1. Gabon, which is not shown in Figure 13, has a few institutions providing training for certain technicians in engineering and agriculture. However, the number of students is very low (65 in 1970) so that the percentages in Table 7 are not significant.



Fig. 13 — Engineering — Percentage of students, 1965 and 1970



It should be pointed out, lastly, that in the majority of countries the percentage of students in this category did not exceed 10% in 1970; while it is notably high in Egypt (16%) it is no higher than the figure recorded in 1965.

#### (b) Agriculture

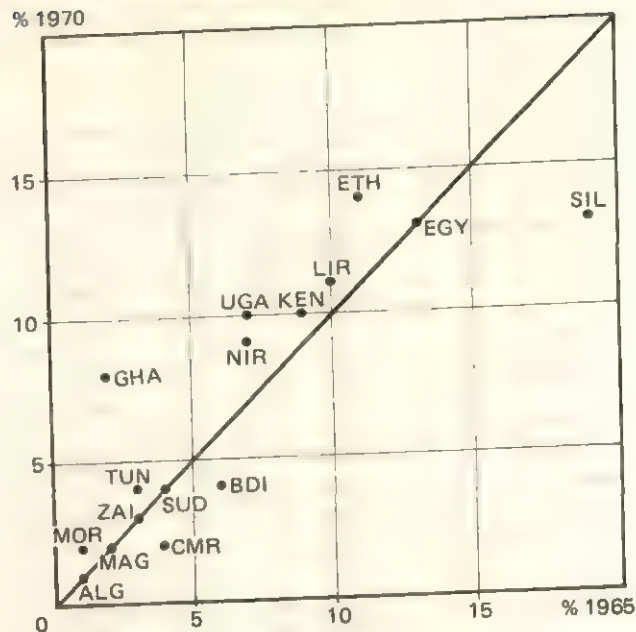
The proportion of students in agriculture increased more especially in Ghana where, following a decline from 7% in 1960 to 2% in 1965, it reached 8% in 1970 (Table 7 and Figure 14). Between 1965 and 1970, in fact, the growth rate for this category of students in this country was 45% per annum as against only 2.3% per annum for the total number of students in higher education (Table 6).

If we consider the countries where the relative importance of this field of study exceeded 8% in 1970, it can be seen that it has also increased in Uganda, Nigeria, Ethiopia and, to a lesser extent, in Kenya and Liberia. In Sierra Leone on the other hand, this percentage has dropped sharply: 13% in 1970 as against 19% in 1965. We have no comparable data for Malawi prior to 1970, but the figure was 20% during that particular year.

Students in agriculture represented, in 1970, less than 5% of the total student population in several countries including the Sudan, Tunisia, Zaire, Madagascar, Cameroon and Algeria, this percentage being stable or on the decline in comparison with 1965, except in the case of Tunisia.

Lastly, it is only recently that certain countries such as Mali, the Libyan Arab Republic and Somalia have begun to develop higher studies in agriculture (Table 7).

Fig. 14 — Agriculture — Percentage of students, 1965 and 1970



#### 5. Medical sciences

The medical sciences have shown unquestionable expansion in most African countries. As can be seen in Table 6, between 1965 and 1970 this category of students grew more rapidly than the total student population in all countries listed, with the exception of Uganda and Zaire. This tendency is also reflected in Figure 15 which shows the increase in the percentage of students in the medical sciences in almost all countries. Admittedly some percentages are fairly low (under 10%) or involve only a small number of students (Rwanda), but this trend can be noted also in countries such as Algeria, Senegal, Egypt and Nigeria where enrolment in this field of study was already high in 1965 and involved, in absolute terms, a considerable number of students.

#### 6. Female students by field of study

As was stated in section I above, except in a few countries the proportion of female students in higher education was, in general, very low.

This overall inequality concerning male and female enrolment in higher education is even more marked when the situation is analysed by field of study. Table 8 accordingly shows for the majority of African countries the percentage of female enrolment in each field of study.

As a general rule the proportion of women students is everywhere higher among the humanities and "education" (teacher training) categories. In certain countries as, for example, Ivory Coast in 1970, the percentage of female enrolment in humanities (33%) is at least twice as high as

Table 8 — Proportion of female students by field of study (as a %)

Country/Pays	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Algeria/Algérie	1965	20	37		11	14	8	16	2	21	10
	1970	21	28		11	16	11	22	2	24	16
Burundi	1970	6	11	—	—	3	6	2	—	8	—
Cameroon/Cameroun	1966	4	6	9	—	3	—	7	—	—	—
	1970	8	12	14	—	4	3	7	—	14	—
Congo	1965	14	38	3	—	5	—	18	—	34 <sup>1</sup>	—
	1970	5	16	3	—	4	4	4	—	— <sup>2</sup>	—
Dahomey	1970	7	—	—	—	—	—	7	—	—	—
Egypt/Egypte	1960	17	30	34	23	10	14	12	5	18	7
	1970	27	36	35	31	17	37	34	9	27	19
Ethiopia/Ethiopie	1960	5	19	5	—	—	2	8	—	—	—
	1970	8	12	4	—	2	—	5	1	8	11
Ghana	1960	11	12	30	7	2	4	—	—	—	—
	1969	14	16	18	9	15	9	10	—	21	7
Ivory Coast/Côte-d'Ivoire	1960	11	40	—	—	4	—	7	—	—	—
	1970	14	33	7	—	8	—	11	—	15	17
Lesotho	1960	22	19	45	—	—	11	27	—	—	—
	1970	34	45	64	—	12	31	24	—	—	—
Liberia	1965	21	24 <sup>2</sup>	22	—	11	... <sup>2</sup>	... <sup>2</sup>	—	100	1
	1969	22	22 <sup>2</sup>	20	—	3	... <sup>2</sup>	... <sup>2</sup>	—	67	1
Libyan Arab Republic République arabe libyenne	1961	3	2	—	—	—	3	6	4	—	—
	1970	11	12	18	—	3	9	23	6	10	4
Madagascar	1960	23	52	—	—	12	—	25	—	28	—
	1970	32	45	77	—	21	23	28	4	37	15
Malawi	1970	18	16	53	—	6	13	16	—	11	10
Mali	1970	11	—	8	—	17	—	—	—	24	—
Morocco/Maroc	1965	12	6	18	—	7	—	19	1	18	1
	1970	17	21	22	—	8	14	19	2	21	1
Nigeria	1965	13	15	21	7	7	6	15	4	15	4
	1970	14	20	24	7	11	9	15	1	18	6
Rwanda	1970	9	8	—	—	—	16	3	—	3	—
Senegal/Sénégal	1960	17	36	—	—	4	—	17	—	24	—
	1970	17	28	19	—	10	5	9	3	23	1
Sierra Leone	1968	17	28	13	—	—	17	13	—	—	1
Somalia/Somalie	1970	13	—	15	—	10	17	—	—	—	—
Sudan/Soudan	1965	7	9	15	8	6	7	6	—	13	—
	1970	13	19	20	18	9	12	7	1	16	4
Togo	1970	12	18	2	—	12	8	2	—	—	—
Tunisia/Tunisie	1961	18	25	8	—	11	9	18	—	—	7
	1968	21	29	22	—	19	10	22	—	18	3
Uganda/Ouganda <sup>3</sup>	1960	7	12 <sup>4</sup>	15	19	—	... <sup>4</sup>	4	—	3	—
	1970	18	21 <sup>4</sup>	23	17	17	... <sup>4</sup>	14	—	16	6
Zaire Republic République du Zaïre	1966	5	21	8	—	—	3	5	—	3	1
	1969	5	10	8	2	2	3	6	2	4	—
Zambia/Zambie	1970	15	17 <sup>4</sup>	32	—	5	... <sup>4</sup>	13	—	5	2

1. The Medico-social Centre ceased to operate in 1968.

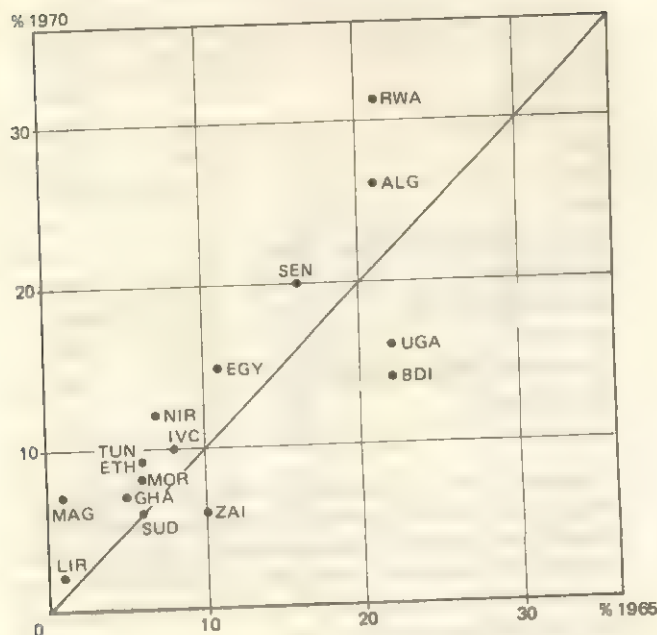
2. Humanities, social sciences and natural sciences are counted together.

3. University of Makerere only.

4. Humanities and social sciences are counted together.



Fig. 15 — Medical sciences — Percentage of students, 1965 and 1970



the overall rate (14%). It will be noted, however, that in Egypt female enrolment is as high in humanities and "education" as in social sciences and natural sciences, but it is more especially in the last two categories that it has increased between 1960 and 1970.

In several countries female enrolment is also fairly high — in relation to the overall percentage — in the medical sciences. In the case of the Congo, the drop in the proportion of women in the total student population (5% in 1970 as against 14% in 1965) is chiefly explained by the fact that the Medico-social Centre where female enrolment stood at 34% in 1965 ceased to operate in 1968. But the percentage of women has also greatly decreased in the natural sciences.

In engineering the proportion is extremely low, the highest figure being 9%, in Egypt. In certain countries, including Egypt, it is slightly higher in agriculture although in most cases the numbers involved are small.

### III. GRADUATES

#### 1. Trends in the total number of graduates

Graduates are classified according to three "stages of diploma" (levels of qualification obtained):

**Stage A:** Diplomas and certificates not equivalent to a first university degree

**Stage B:** First university degrees or equivalent qualifications

**Stage C:** Degrees awarded to persons already possessing a first university degree or equivalent qualification.

Fig. 16 — Medical sciences — Percentage of students, 1960 and 1965

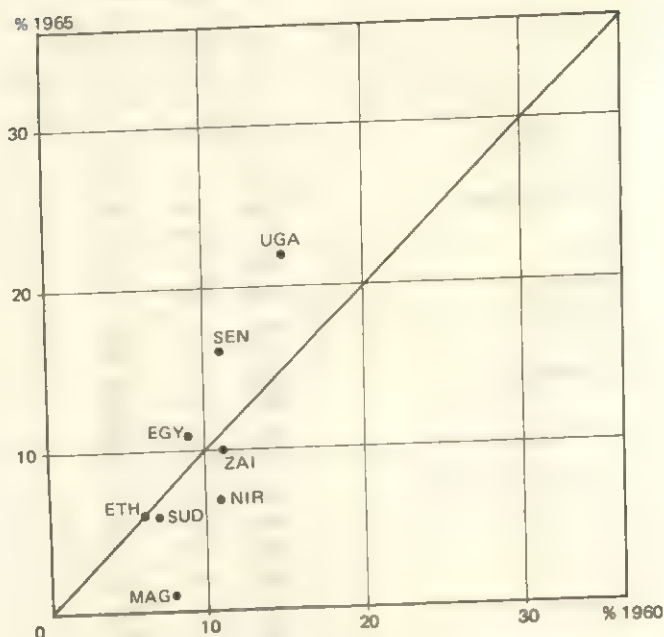


Table 9 has been drawn up in order to indicate the types of degrees and diplomas that have been taken into consideration in the different countries as well as their relative importance. It can be seen that Stage A diplomas represent an important proportion of all the qualifications awarded in several countries. In certain cases, admittedly, these are diplomas after completion of basic training or an awarded initial course required before studying for a first university degree in the same higher education institution or abroad.

In many African countries statistical data in respect of graduates are available for a few years only. It is, in fact, only recently that certain of them have begun to collect these statistics systematically and to publish them. There is also the fact that in several countries higher education became really established only after 1965 and trends in the number of graduates cannot be assessed until some years later.

Consequently, it has only been possible to calculate growth rates in respect of Stage B graduates in 11 countries; these are set out in Table 10.

In several of these countries these rates were very high during the 1965-70 period although in the Sudan, and more especially in Ghana, a falling off in comparison with the preceding period can be observed. In Ghana this seems to match the very marked slowing down in the growth of student enrolment noted under I above. Moreover, the number of students graduating at Stage A also increased by only 1.8% per annum between 1965 and 1970 as against 33% per annum between 1960 and 1965. However, the decline in the growth rate of Stage A graduates can also be seen in Ethiopia (15.6% per annum in 1965-70 compared with 51.8% per annum in 1960-65) and in Tunisia (5.8% per annum between 1965 and 1968 as against 44% per annum between 1961 and 1965).

Table 9 — Distribution of higher education graduates by stage of diploma (as percentage of the total)

Country/Pays	Year Année	Level Niveau A	Level Niveau B	Level Niveau C
Algeria/Algérie	1969	—	97	3
Burundi	1970	88	12	—
Cameroon/Cameroun	1964	58	42	—
	1970	64	36	—
Congo	1969	97	3	—
Dahomey	1970	100	—	—
Egypt/Egypte	1960	—	98	2
	1969	—	90	10
Ethiopia/Ethiopie	1960	21	79	—
	1970	48	52	—
Ghana <sup>1</sup>	1961	28	64	8
	1970	19	74	8
Ivory Coast/Côte-d'Ivoire	1971	17	65	17
Kenya <sup>2</sup>	1965	12	74	14
	1970	3	93	4
Lesotho	1970	31	65	4
Liberia	1961	—	100	—
	1970	—	100	—
Libyan Arab Republic République arabe libyenne	1960	—	100	—
	1970	—	100	—
Madagascar	1970	61	39	—
Malawi	1970	77	22	1
Mali	1969	—	100	—
Morocco/Maroc	1970	52	42	6
Nigeria	1961	30	65	5
	1967 <sup>3</sup>	19	73	8
Rwanda	1969	—	100	—
Senegal/Sénégal	1965	38	46	18
	1970	66	34	—
Sierra Leone	1960	3	76	20
	1967	5	85	10
Sudan/Soudan	1961	29	71	—
	1971	10	85	5
United Republic of Tanzania République-Unie de Tanzanie	1969	—	100	—
Togo	1970	91	9	—
Tunisia/Tunisie	1961	29	71	—
	1968	29	71	—
Uganda/Ouganda <sup>4</sup>	1960	25	70	5
	1971	4	95	2
Zaire Republic/République du Zaïre	1971	33	67	—
Zambia/Zambie	1970	42	42	16

1. Not including diplomas awarded by non-university teacher training institutions.

2. University of Nairobi only.

3. Data refer to 4 universities instead of 5.

4. University of Makerere only.

Table 10 — Average annual growth rate in number of students graduating at Stage B (as a %)

	1960 - 1965	1965 - 1970
Egypt/Egypte	8.7	10.6
Ethiopia/Ethiopie	13.4	20.4
Ghana	34.0	13.5
Kenya	...	40.4
Liberia	...	11.9
Libyan Arab Republic/Rép. arabe libyenne	23.7	25.2
Senegal/Sénégal	...	10.7
Sierra Leone (1960 - 1967)	18.5	...
Sudan/Soudan	19.9	13.5
Tunisia/Tunisie (1961-65, 1965-68)	22.0	32.0
Uganda/Ouganda	13.3	22.0

Higher studies leading to higher university degrees (Stage C) are still little developed in Africa, except in the case of a few countries. Data available for Egypt and Ghana show that the number of these graduates increased between 1965 and 1970 at an annual rate of 7% for the former and 13% for the latter country.

## 2. Distribution of graduates by field of study

### (a) Stage A diplomas

In certain countries, particularly those whose higher education systems closely resemble the French pattern, studies leading to the first university degree are divided into two "cycles", the first of which extends over two years and provides students with basic training leading to the award of a diploma. In this case the diploma has been counted as a Stage A award. Some countries, however, do not take these diplomas into consideration and do not, thus, include them in their statistics. This applies, for example, to Algeria and Ivory Coast although in the latter country other Stage A diplomas are taken into account.

Table 11 shows the distribution of these diplomas by field of study: the percentages for Kenya, Sierra Leone and Uganda are not included as they reflect a very low number of diplomas.

It will be noted first of all that "education" (teacher training) represents the majority, or a large proportion at least, of these diplomas. This is particularly true of the Congo, Ethiopia, Morocco, Nigeria, Sudan, Tunisia, Zaire and Zambia.

Insofar as they constitute a stage in the first degree course, Stage A diplomas in the humanities or natural sciences occupy a relatively important place in Cameroon, the Congo, Madagascar, Morocco, Senegal and Togo. It should be stressed in this connexion that, in absolute terms, the number of these diplomas is obviously higher than the number of Stage B degrees; in certain cases they are, in fact, the only diplomas awarded.



Table 11 — Distribution by field of study of Stage A diplomas (not equivalent to a first university degree) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'Ingénieur	Medical sciences Sciences médicales	Agriculture
Burundi	1970	19	—	—	13	36	—	6	22	6
Cameroon/Cameroun	1964	—	12	—	88	—	—	—	—	—
	1970	29	19	—	23	5	24	—	—	—
Congo	1969	29	36	—	21	5	9	—	—	—
Dahomey	1970	—	—	—	—	—	100	—	—	—
Ethiopia/Ethiopie	1960	—	—	—	—	—	—	40	60	—
	1965	—	55	—	—	5	—	17	23	—
	1970	—	81	—	—	—	3	5	11	—
Ghana <sup>1</sup>	1961	—	—	37	—	18	—	—	7	38
	1965	1	34	20	—	14	—	13	8	10
	1970	10	—	18	—	24	—	22	12	15
Ivory Coast/Côte-d'Ivoire	1971 <sup>2</sup>	11	9	—	42	—	—	—	—	—
Lesotho	1970	—	10	—	39	—	—	—	—	52
Madagascar	1970	33	21	—	12	11	23	—	—	—
Malawi	1970	—	28	—	—	18	—	19	12	23
Morocco/Maroc	1970	45	48	—	—	2	2	1	—	2
Nigeria	1961	—	88	12	—	—	—	—	—	—
	1965	6	48	10	—	14	—	—	1	21
	1967 <sup>3</sup>	6	66	3	—	24	—	—	—	1
Senegal/Sénégal	1965	—	—	—	—	100	—	—	—	—
	1970	38	9	—	11	21	9	11	—	—
Sudan/Soudan	1961	—	65	16	—	19	—	—	—	—
	1965	—	56	10	—	9	—	—	14	10
	1968	—	65	4	—	3	—	—	10	18
Togo	1970	39	9	—	21	23	9	—	—	—
Tunisia/Tunisie	1961	—	77	—	20	2	—	—	—	—
	1965	10	84	—	5	2	—	—	—	—
	1968	—	99	—	1	—	—	—	—	—
Zaire Republic République du Zaïre	1971	—	76	3	—	16	2	4	—	—
Zambia/Zambie	1970	—	71	—	—	29	—	—	—	—

1. Not including diplomas awarded by non-university teacher training institutions.

2. Distribution by field of study is not known in respect of diplomas awarded by University Institutes of Technology (34% of the total).

3. Data refer to 4 universities instead of 5.

It has already been stated that studies leading to the certificate of competence in law held a fairly important place in several countries. It can be seen from Table 11 that these certificates, plus the preparatory diplomas required for first degree courses, represent a fairly high proportion of the number of Stage A diplomas awarded in Cameroon, the Congo, Ivory Coast, Madagascar, Senegal, Togo and Tunisia. However, their relative importance has decreased in Tunisia and, following their diversification by field of study, in Cameroon and Senegal.

In Ethiopia the place held by engineering and medical sciences has dropped sharply in favour of "education", whereas in Ghana the former rose to 22% in 1970 and the latter to 12%. But, with the exception of a few

countries, very few of these diplomas were awarded in these two fields of study or in agriculture.

#### (b) Stage B degrees

Trends in the distribution of these degrees by field of study can be measured in Table 12 in respect of only a few countries, as data for 1960 and 1965 were not available for all.

In 1970, or the year nearest that date, the greatest proportion of these degrees were, in many countries, awarded in the humanities. In comparison with 1965, this proportion increased considerably in several countries as, for example, in Kenya (30% as against 21%), the Libyan Arab Republic (44% instead of 37%), Senegal (54% compared with 39%) and the Sudan (35% as against 24%).

Table 12 — Distribution by field of study of Stage B degrees (first university degrees or equivalent) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Algeria/Algérie	1970	25	—	2	18	18	11	9	16	2
Burundi	1970	—	100	—	—	—	—	—	—	—
Cameroon/Cameroun	1964	—	47	—	37	—	—	—	—	17
	1970	37	19	—	25	—	11	—	—	8
Congo	1969	—	100	—	—	—	—	—	—	—
Egypt/Egypte	1960	31	9	1	9	20	4	9	9	8
	1965	16	9	3	9	25	7	12	6	13
	1970	12	11	3	6	21	4	16	14	13
Ethiopia/Ethiopie	1960	8	15	—	—	14	4	20	—	39
	1965	22	7	—	4	8	7	13	12	27
	1970	31 <sup>1</sup>	22	—	10	...	4	9	14	9
Ghana <sup>2</sup>	1961	36	—	—	—	25	23	16	—	—
	1965	26	7	5	10	30	8	6	5	2
	1970	27	13	8	4	16	13	6	5	8
Ivory Coast/Côte-d'Ivoire	1971	45	16	—	13	9	9	—	9	—
Kenya <sup>3</sup>	1965	21	—	—	—	21	17	34	—	8
	1970	30	—	8	—	23	11	21	—	8
Lesotho	1970	38	6	—	14	28	14	—	—	—
Liberia	1961	25 <sup>1</sup>	49	—	—	...	15	—	—	11
	1965	26 <sup>1</sup>	33	—	2	...	24	—	—	16
	1970	46 <sup>1</sup>	28	—	6	...	11	—	4	6
Libyan Arab Republic	1960	40	—	—	—	43	16	—	—	—
République arabe libyenne	1965	37	—	—	12	26	25	—	—	—
	1970	44	12	—	6	14	9	9	—	6
Madagascar	1970	39	—	—	12	10	25	4	—	10
Malawi	1970	14	—	—	6	41	32	—	—	6
Mali	1969	—	27	—	6	30	—	20	—	17
Morocco/Maroc	1970	25	25	—	30	8	2	4	3	4
Nigeria	1961	22	6	1	—	16	27	9	12	7
	1965	23	8	4	5	30	14	8	5	5
	1967 <sup>4</sup>	29	4	2	7	21	14	6	10	7
Rwanda	1969	30	—	—	—	47	23	—	—	—
Senegal/Sénégal	1965	39	—	—	—	24	26	—	11	—
	1970	54	—	—	6	8	14	—	18	—
Sierra Leone	1960	38	—	—	—	40	22	—	—	—
	1965	44	—	—	—	33	19	4	—	—
	1967	32	8	—	—	18	5	7	—	30
Sudan/Soudan	1961	28	—	—	17	26	7	10	8	4
	1965	24	10	—	11	15	11	22	5	2
	1971	35	5	1	10	26	3	8	5	7
United Republic of Tanzania	1969	—	61	—	13	30	2	—	4	—
République-Unie de Tanzanie										
Togo	1970	100	—	—	—	—	—	—	—	—
Tunisia/Tunisie	1961	35	—	—	30	3	22	—	—	10
	1965	33	—	—	16	24	12	—	—	15
	1968	34	—	—	22	13	23	—	—	9
Uganda/Ouganda <sup>5</sup>	1960	58 <sup>1</sup>	—	2	—	...	11	—	21	8
	1965	47 <sup>1</sup>	11	3	—	...	15	—	14	9
	1971	39 <sup>1</sup>	11	3	4	...	22	—	11	10
Zaire Republic	1971	15	8	2	14	42	6	5	6	3
République du Zaïre										
Zambia/Zambie	1970	47	8	—	11	2	13	14	16	—

1. Humanities and social sciences are counted together.

2. Not including non-university teacher training.

3. University of Nairobi only.

4. 4 universities instead of 5.

5. University of Makerere only.



**Table 13 — Distribution by field of study of Stage C degrees (higher university degrees or equivalent) as a %**

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Algeria/Algérie	1969	56	—	—	—	—	44	—	—	—
Egypt/Egypte	1965	7	10	—	8	12	7	3	38	15
	1969	9	13	—	7	15	15	5	22	13
Ghana	1965	2	53	25	—	12	5	—	4	—
	1970	4	50	21	—	22	3	—	—	—
Ivory Coast/Côte-d'Ivoire	1971	14	35	—	2	—	41	—	8	—
Kenya	1965	—	75	—	—	—	25	—	—	—
	1970	—	100	—	—	—	—	—	—	—
Morocco/Maroc	1970	—	—	—	95	5	—	—	—	7
Nigeria	1965	26	48	—	2	3	16	—	3	3
	1967 <sup>1</sup>	38	28	1	—	24	22	—	—	5
Sudan/Soudan	1971	2	68	—	—	—	1	—	—	—
Uganda/Ouganda <sup>2</sup>	1965	—	97	—	—	—	2	—	1	4
	1969	7	64	—	—	—	7	—	18	—
Zambia/Zambie	1970	3	97	—	—	—	—	—	—	—

1. 4 universities instead of 5.  
2. University of Makerere only.

This trend is not, however, always confirmed: in Egypt graduates in the humanities represent no more than 12% of the total in 1970 as against 31% in 1960, the main increases being in engineering and medical sciences, and it is the social sciences that account for the majority of Stage B graduates. This is even more pronounced in Zaire where the social sciences percentage exceeded 40% in 1971. But we also see that, as from 1965, it decreased to a very marked extent in Ghana, the Libyan Arab Republic, Sierra Leone and Tunisia. As regards law, Morocco stands out with 30% of all Stage B graduates. In Cameroon and Senegal the percentage of law graduates dropped while in Tunisia it rose slightly between 1965 and 1968 following a sharp decline during the 1961-65 period.

In Tanzania, 51% of degrees awarded in 1969 were conferred in respect of studies leading to a teaching career; in Ethiopia this percentage rose from 7% in 1965 to 22% in 1970. But the proportion declined sharply in Liberia (28% in 1970 as against 49% in 1961) and in Cameroon, following the diversification of higher education.

It is interesting to note that in the countries for which statistics are available for at least 1965 and 1970, the natural sciences have lost much of their relative importance, with the exception of Tunisia and Uganda. In Liberia, for example, the proportion fell for 24% in 1965 to 11% in 1970 and in the Libyan Arab Republic, over the same period, from 25% to only 9%.

A similar tendency is also seen in engineering and agriculture, with the exception of Egypt where, as already stated, engineering graduates are relatively increasingly numerous. These two fields of study

which, in Ethiopia, accounted for more than half the total number of graduates in 1960 represented no more than 9% each in 1970. To a lesser extent, the same trend appears in regard to engineering in Ghana, Kenya and the Sudan. Very recent data are not available for Sierra Leone but, in 1967, 30% of graduates took their degree in agriculture.

The proportion in respect of the medical sciences has increased more particularly between 1965 and 1970 in Egypt and Senegal. In these two countries as well as in Algeria, Ethiopia and Zambia, the figure now exceeds 14%.

### (c) Stage C degrees

Higher studies leading to this type of degree, as has been stated, are very little developed in almost all African countries. Table 13 shows the distribution of these degrees by field of study for no more than a few of these countries. It should, however, be pointed out that even among these selected countries there are some in which the number of these graduates is very low, and does not exceed 30 (see statistical tables). It is above all in Egypt, and also in Ghana and Nigeria, that they are relatively more numerous and it can be seen that their distribution by field of study is fairly diversified. It can also be seen that in Egypt the proportion of Stage C graduates in medical sciences, natural sciences, social sciences and agriculture is quite large. In the majority of cases degrees are mainly conferred in "education" following one or two years of study after obtaining a first degree. In other cases, because of the virtual non-existence of courses at this level, they correspond to no more than a single type of degree prepared in one or two subjects.

Table 14 — Proportion of women graduates (as a %)

Country/Pays	Year Année	Level of degree Niveau du diplôme	Total	Humanities Lettres	Education	Fine-arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Algeria/Algérie	1969	B	23	40	—	—	15	19	25	—	30	—
Burundi	1970	A	6	6	—	—	5	5	—	—	11	—
		B	4	—	4	—	—	—	—	—	—	—
Cameroon/Cameroun	1970	A	12	18	20	—	4	6	8	—	—	—
		B	7	11	9	—	2	—	5	—	—	—
Egypt/Egypte	1965	B	23	28	43	28	6	31	23	5	34	11
		C	11	25	22	—	3	3	19	1	10	10
	1970	B	28	33	37	27	15	41	34	9	33	19
	1969	C	13	18	17	—	3	7	16	5	19	10
Ethiopia/Ethiopie	1965	A	12	—	1	—	—	27	—	—	44	—
		B	3	11	—	—	—	8	—	—	—	—
	1970	A	12	—	8	—	—	—	7	—	54	—
		B	5	10 <sup>1</sup>	2	—	2	...	4	—	5	—
Kenya <sup>2</sup>	1967	B	14	24	—	—	—	—	30	—	—	6
Lesotho	1970	B	35	48	75	—	—	28	33	—	—	—
Liberia	1967	B	24	20 <sup>1</sup>	35	—	22	...	20	—	100	8
Libyan Arab Republic République arabe libyenne	1970	B	10	9	22	—	3	6	19	4	—	6
Madagascar	1970	A	32	58	25	—	2	20	26	—	—	—
		B	46	64	—	—	40	20	51	—	—	16
Malawi	1970	A	17	—	43	—	—	8	—	—	4	14
		B	16	33	—	—	—	19	10	—	—	—
Mali	1969	B	8	—	15	—	38	5	—	—	—	—
Morocco/Maroc	1970	A	15	9	20	—	—	13	24	—	—	—
		B	21	42	23	—	10	5	48	—	10	—
		C	2	—	—	—	2	—	—	—	—	—
Nigeria	1967 <sup>3</sup>	A	18	13	20	—	—	16	—	—	—	—
		B	13	22	8	6	10	2	17	—	24	2
		C	13	15	17	—	50	—	5	—	—	—
Senegal/Sénégal	1965	A	10	—	—	—	10	—	—	—	—	—
		B	27	33	—	—	3	—	38	—	27	—
Sudan/Soudan	1966	A	19	—	12	19	—	100	—	—	41	—
		B	5	8	12	—	5	7	—	—	—	—
	1971	B	13	18	14	—	10	13	14	—	12	2
United Republic of Tanzania République-Unie de Tanzanie	1969	B	15	—	16	—	4	18	22	—	7	—
Togo	1970	A	8	6	—	—	24	3	—	—	—	—
		B	19	19	—	—	—	—	—	—	—	—
Tunisia/Tunisie	1968	A	20	—	20	—	—	—	—	—	—	—
		B	15	20	—	—	9	14	18	—	—	4
Uganda/Ouganda <sup>4</sup>	1965	B	11	13 <sup>1</sup>	18	14	—	...	6	—	7	—
		B	19	26 <sup>1</sup>	20	20	—	...	15	—	10	2
Zambia/Zambie	1970	A	28	—	19	—	—	50	—	—	—	—
		B	13	19	13	—	—	—	15	—	6	—
		C	33	—	33	—	—	—	—	—	—	—

1. Humanities and social sciences are counted together.

2. University of Nairobi only.

3. 4 universities instead of 5.

4. University of Makerere only.



### 3. Proportion of women graduates

The proportion of women among graduates varies according to the field of study and the "stage of diploma", i.e. level of qualification obtained. Table 14 shows this proportion for the majority of countries; in certain cases, the Stage A or C percentages have been omitted as they referred to a very small number of graduates.

In Madagascar, Morocco and Senegal, unlike other countries, the proportion of women is higher among Stage B graduates than for Stage A. This proportion is, in addition, higher than the overall rate of female enrolment in higher education (see Table 4 in section I). In Madagascar, the difference is very considerable in 1970:

whereas women represented 32% of the total enrolment figure, they constituted 46% of Stage B graduates and 32% for Stage A. This percentage noted among Stage B graduates is very high in comparison with other countries and is followed only by Lesotho (35%) and Egypt (28%).

As in the case of student numbers, this table shows that women are relatively more numerous among "education" graduates and in humanities and natural sciences, particularly insofar as these relate to training for the teaching profession. Medical sciences also represent a field in which the proportion of women can be fairly high. It will be noted, however, that in Egypt (Stage B) the percentage has greatly increased in the social sciences (41% in 1970), far exceeding the overall proportion.

## I. NUMBERS OF STUDENTS ENROLLED

1. Trends in enrolment
2. Numbers of students and total population
3. Number of students in relation to the total population in the 20 to 24 year age-group
4. Distribution of student population by sex
5. Foreign students and enrolment ratio
6. Distribution of student population by age

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

1. Humanities, education and fine arts
2. Law and social sciences
3. Natural sciences
4. Engineering and agriculture
5. Medical sciences
6. Female students by field of study

## III. GRADUATES

1. Trends in the total number of graduates
2. Distribution of graduates by field of study
3. Proportion of women graduates

### EXPLANATORY NOTE

The following symbols are used in the graphs:

ARG	Argentina	COS	Costa Rica	GUY	Guyana, Republic of	PAN	Panama
BAR	Barbados	CUB	Cuba	HAI	Haiti	PAR	Paraguay
BOL	Bolivia	DOM	Dominican Republic	HON	Honduras	PER	Peru
BRA	Brazil	ELS	El Salvador	JAM	Jamaica	TRI	Trinidad and Tobago
CHI	Chile	ECU	Ecuador	MEX	Mexico	URU	Uruguay
COL	Colombia	GUA	Guatemala	NIC	Nicaragua	VEN	Venezuela



## I. NUMBERS OF STUDENTS ENROLLED

## 1. Trends in enrolment

During the last decade higher education in the majority of Latin American countries has been marked by particularly rapid growth. In 18 of the 22 States considered,<sup>1</sup> the annual growth rate in student enrolment exceeded 9%; in 15 countries, the number of students in 1970 had *at least* trebled in comparison with 1960. As Tables 1 and 2 show, this expansion was, in general, greater between 1965 and 1970 than during the 1960-65 period, and we can, thus, differentiate between the following groups of countries:

- (a) In certain countries (Dominican Republic, Nicaragua, Brazil, Ecuador, El Salvador and Costa Rica) the growth rate is very rapid; the average rate varying between 16 and 28% per annum. This expansion, at times, assumes spectacular proportions and it is sufficient to take Brazil as an example in this respect: 430,000 students in 1970 compared with 156,000 in 1965. This group of countries is further characterized by the fact that growth rates increased in remarkable fashion between the two periods considered, i.e. 1960-65 and 1965-70. Thus, in Ecuador, where the growth rate was 8.4% per annum during the first period, 1960-65, it rose to 22.5% per annum between 1965 and 1970; Brazil and the Dominican Republic doubled their growth rates. In this respect Bolivia and Honduras should be added to this group of countries as between 1965 and 1970 they also experienced a considerable increase in the annual growth rate of student enrolment;
- (b) In five countries (Colombia, Venezuela, Mexico, Chile and Guatemala) growth rates are considerable and very similar, ranging from 12.5 to 14% per annum. The other feature of this group of countries is the absence of any marked change in the annual growth rates during the two periods; they maintain a constant, but high rate;
- (c) Lastly, a clear slackening can be seen in the growth of enrolments between 1960-65 and 1965-70 in 7 countries; Barbados, Peru, Jamaica, Trinidad and Tobago, Paraguay, Panama and Argentina. Certain among them, as Peru, continue to show a fairly high rate (9.5% per annum) although lower than that of the preceding period (17.8% per annum). In Argentina, one of the countries with the highest enrolment in Latin America, the growth rate fell to 2.2% per annum. Two other countries can be added to this group: Cuba, where the growth rate has been maintained at about 5% per annum since 1961, and Uruguay, which has fairly low rates. The growth of enrolments in this country has always remained at

between 2 and 3% per annum except for the 1950-55 period when the rate was 4.4%.

It should be noted, finally, that there are a number of territories in Latin America which possess institutions of higher education (see Statistical Tables). However, with the exception of Puerto Rico where the higher education system has been in full expansion since 1950, these are isolated establishments, mostly providing teacher training, with limited numbers of students, varying considerably from year to year.

Table 2 shows growth rates of enrolment between 1950 and 1960 for a certain number of countries. Comparison of the two Tables (1 and 2) highlights the considerable expansion in the number of students in Latin America from 1960 onwards and, in the case of many countries, from 1965 more particularly.

Since data concerning newly enrolled students are available in respect of five countries only (Brazil, Colombia, Mexico, Nicaragua and Peru), international comparison is not possible. With the exception of Mexico, there appears to be no falling away in the increase in the number of new enrolments: between 1965 and 1971 their number rose by 26% per annum in Brazil, 12.4% per annum in Colombia, 16.7% in Nicaragua and 8.8% per annum in Peru.

The university sector represents the whole, or practically the whole, of higher education in the majority of Latin American countries. The notable exceptions are Argentina, Bolivia, Costa Rica, Peru and Venezuela where the non-university sector consists more particularly of institutions specializing in teacher training (teacher training colleges). It has been observed that the growth rates for students enrolled in teacher training institutions are far higher than those for university institutions in Bolivia and, more especially, in Argentina. In the case of Peru on the other hand a remarkable drop in the growth rate of enrolment in teacher training institutions can be observed as from 1965: 5.4% per annum between 1965 and 1970 as against 29.6% per annum during the 1960-65 period.

Almost all higher education systems in Latin America disregard the distinction between full-time and part-time study.

## 2. Number of students and total population

Table 3 and Figure 1 reveal the discrepancies between the countries of Latin America with regard to the number of

1. Owing to absence of data Haiti has not been taken into consideration. The Republic of Guyana, which does not figure in this section, set up its university in 1963 and the number of students enrolled there rose from 319 in 1965 to 1,112 in 1970. As regards Belize, there is an institution for teacher training, but the number of students is very small.

**Table 1 — Average annual growth rates of enrolment in higher education (as a %)**

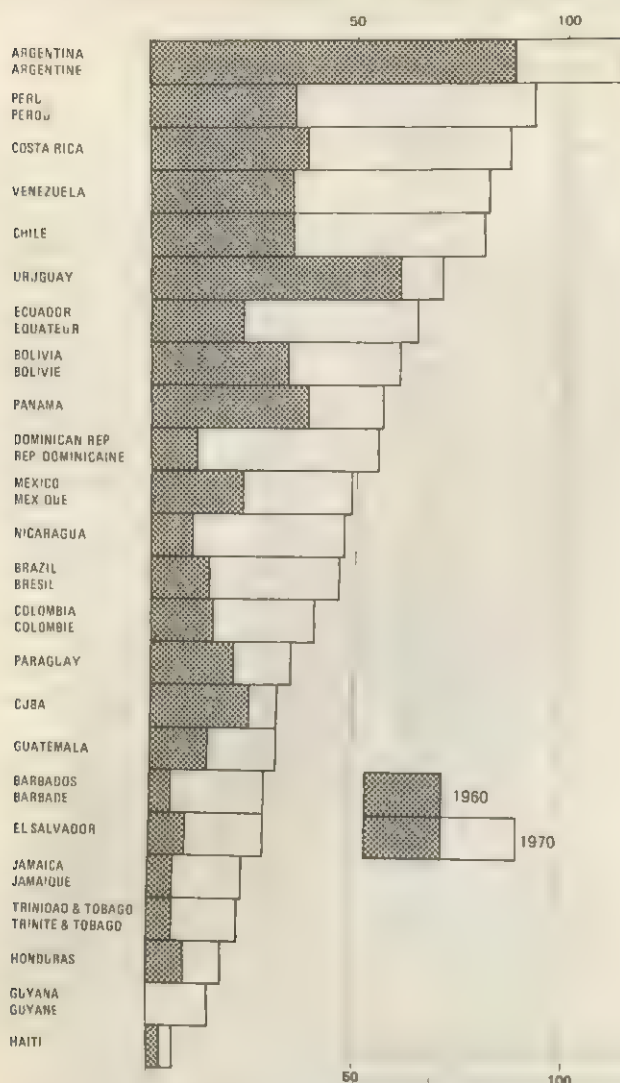
Country/Pays	1960 - 1970	1960 - 1965	1965 - 1970
Argentina/Argentine	4.3	6.4	2.2
Barbados/Barbade	19.0	26.0	12.4
Bolivia/Bolivie	9.5	7.0	12.8
Brazil/Brésil	16.2	10.2	22.5
Chile/Chili	11.7	10.9	12.5
Colombia/Colombie	14.0	14.0	14.0
Costa Rica	12.6	9.0	16.4
Cuba	5.2	5.3	5.1
Dominican Republic/République dominicaine	21.2	14.3	28.5
El Salvador	15.0	11.4	18.6
Ecuador/Equateur	15.2	8.4	22.5
Guatemala	11.6	10.1	13.0
Honduras	11.2	8.9	13.5
Jamaica/Jamaïque	12.2	15.9	8.7
Mexico/Mexique	12.2	11.2	13.2
Nicaragua	20.7	18.2	23.2
Panama	7.3	12.4	2.4
Paraguay	9.1	11.2	7.0
Peru/Pérou	13.5	17.8	9.5
Trinidad and Tobago/Trinité et Tobago	16.6	25.4	8.4
Uruguay	2.5	2.1	3.2
Venezuela	12.6	11.8	13.4

**Table 2 — Average annual growth rates of enrolment in higher education in a number of Latin American countries, 1950 to 1960 (as a %)**

Country/Pays	1950 - 1960	1950 - 1955	1955 - 1960
Argentina/Argentine	8.2	12.5	3.9
Brazil/Brésil	6.5	7.3	5.7
Colombia/Colombie	7.9	4.5	11.3
Costa Rica	11.8	10.5	13.1
Dominican Republic/République dominicaine	4.3	6.9	1.8
El Salvador	7.0	3.0	11.1
Ecuador/Equateur	8.5	7.2	9.9
Guatemala	8.2	6.4	10.0
Honduras	7.4	6.2	8.7
Mexico/Mexique	8.4	9.8	6.9
Nicaragua	9.9	12.4	7.5
Panama	10.3	8.6	11.9
Paraguay	7.3	4.8	9.9
Peru/Pérou	6.8	0.9	13.0
Uruguay	2.7	4.4	1.0



Fig. 1 — Number of students per 10 000 inhabitants



students per 10,000 inhabitants. In 1970 Argentina was the only country in which this number exceeded 100 and in over half the countries the number was under 50. This should not, however, blind us to the changes — considerable at times — that have occurred since 1960. At that time the number of students per 10,000 inhabitants in Argentina (87) and in Uruguay (60) was very high in comparison with the other countries. Since then this gap has been considerably reduced, as a result, first, of the rapid increase in the number of students in the majority of countries and, secondly, of the limited expansion of higher education in Argentina and Uruguay.

### 3. Number of students in relation to the total population in the 20 to 24 year age-group (enrolment ratio)

The measures taken by the Latin American countries to develop higher education, particularly since 1965, have enabled them to increase their enrolment ratio to a marked extent (Table 4). In 1960 this was less than 5%

Table 3 — Number of students per 10 000 inhabitants

Country/Pays	1960	1965	1970
Argentina/Argentine	87	109	113
Barbados/Barbade	5	16	28
Bolivia/Bolivie	33	41	60
Brazil/Brésil	14	19	46
Chile/Chili	34	50	80
Colombia/Colombie	15	25	40
Costa Rica	38	48	86
Cuba	24	27	31
Dominican Republic/République dominicaine	11	19	55
El Salvador	9	14	28
Ecuador/Equateur	22	27	64
Guatemala	14	19	31
Guyane	—	5	15
Haiti/Haiti	3	4	6
Honduras	9	11	18
Jamaica/Jamaïque	6	11	23
Mexico/Mexique	22	31	49
Nicaragua	10	19	47
Panama	38	58	56
Paraguay	20	29	34
Peru/Pérou	35	68	92
Trinidad and Tobago/Trinité et Tobago	6	16	22
Uruguay	60	62	70
Venezuela	34	51	81

in all countries except Argentina (11.1%) and Uruguay (7.7%), while in 11 countries it was even under 2.5%; the progress made by 1970 can be seen from Figure 2.

Seventeen countries have, thus, at least doubled their enrolment ratios during the decade. Despite a slight decline in the enrolment ratio between 1965 (14%) and 1970 (13.8%) Argentina is, from this point of view, the country with the highest level of enrolment in Latin America. The ratio is also now fairly high in Peru (10.6%), Costa Rica (10.4%) Venezuela (9.9%), Chile (9.3%) and Uruguay (9%).

### 4. Distribution of student population by sex

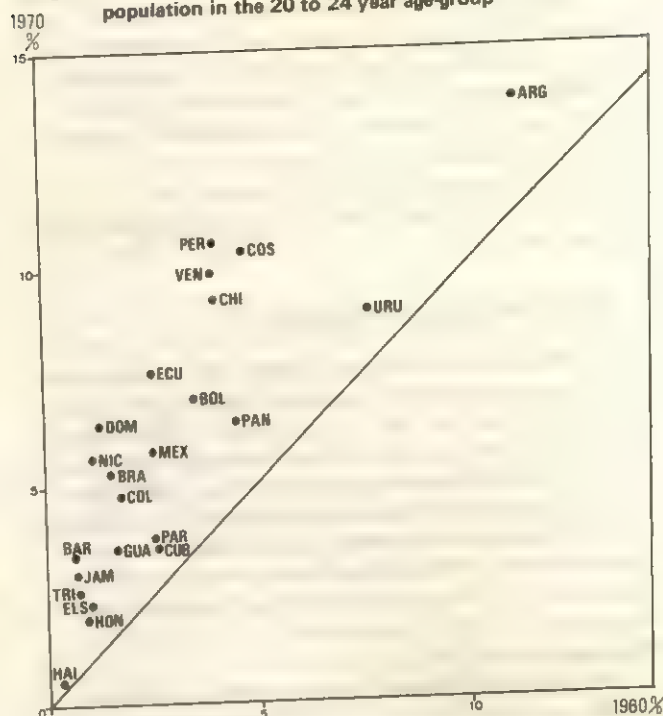
The proportion of women among the total higher education student population varies considerably from country to country: in 1970 it ranged from 12.6% in Haiti to 46% in Panama. In nine countries (Panama, Barbados, Costa Rica, Dominican Republic, Argentina, Jamaica, Paraguay, Uruguay and Venezuela) this proportion now exceeds 40%. In seven countries women students represent 30 to 40% of the total student population and under 30% in 8 other countries (Table 5). Although there are a greater number of male students in all the countries considered, the proportion of women in higher education is increasing in relation to 1960 except in four countries: Barbados, Costa Rica, Trinidad and Tobago and Uruguay.

Table 5 also shows enrolment ratios by sex. It can be seen from this table that in 1960 the male enrolment ratio was, in 17 countries, at least twice as high as that calculated for women. Among these countries were 9 in which the ratio was at least four times as high for men as for women. These disparities have, however, decreased

**Table 4 - Student population as a percentage of the total population in the 20 to 24 year age-group: enrolment ratio**

Country/Pays	1960	1965	1970
Argentina/Argentine	11.1	14.0	13.8
Barbados/Barbade	0.7	2.8	3.4
Bolivia/Bolivie	3.6	4.6	6.9
Brazil/Brésil	1.6	2.2	5.3
Chile/Chili	4.1	6.1	9.3
Colombia/Colombie	1.8	3.0	4.8
Costa Rica	4.8	6.1	10.4
Cuba	2.7	3.1	3.6
Dominican Republic/République dominicaine	1.3	2.2	6.4
El Salvador	1.1	1.7	3.3
Ecuador/Equateur	2.6	3.3	7.6
Guatemala	1.7	2.4	3.6
Guyane	—	0.7	1.7
Haiti/Haïti	0.4	0.4	0.5
Honduras	1.0	1.4	2.0
Jamaica/Jamaïque	0.7	1.4	3.0
Mexico/Mexique	2.6	3.8	5.8
Nicaragua	1.1	2.4	5.7
Panama	4.6	6.9	6.5
Paraguay	2.6	3.4	3.8
Peru/Pérou	4.1	8.0	10.6
Trinidad and Tobago/Trinité et Tobago	0.8	1.9	2.6
Uruguay	7.7	8.4	9.0
Venezuela	4.0	6.3	9.9

**Fig 2. - Student population as a percentage of the total population in the 20 to 24 year age-group**



**Table 5 - Male (M) and female (F) enrolment ratios<sup>1</sup> and percentage of women among the student population**

Country/Pays	Enrolment ratio (%) Rapport de scolarisation (%)						Female students as percentage of total enrolment % de femmes parmi les effectifs		
	1960		1965		1970		1960	1965	1970
	M	F	M	F	M	F			
Argentina/Argentine	14.8	7.2	16.8	11.1	15.6	12.0	32	39	43
Barbados/Barbade	0.7	0.7	2.3	1.7	3.8	3.1	57	45	46
Bolivia/Bolivie	5.5	1.6	6.6	2.5	9.6	4.2	22	26	29
Brazil/Brésil	2.3	0.9	3.1	1.3	6.6	4.0	28	31	38
Chile/Chili	5.2	3.0	7.6	4.6	11.6	7.1	37	38	38
Colombia/Colombie	2.9	0.7	4.7	1.4	7.2	2.5	18	23	27
Costa Rica	5.4	4.3	7.0	5.1	11.5	9.2	44	42	44
Cuba	3.4	2.1	3.9	2.6	4.3	2.9	39	39	39
Dominican Republic/République dominicaine	1.9	0.7	3.0	1.4	7.2	5.6	28	32	43
El Salvador	1.7	0.4	2.7	0.7	...	...	20	21	22*
Ecuador/Equateur	4.1	1.0	5.1	1.4	10.5	4.6	19	22	30
Guatemala	3.0	0.3	4.1	0.7	5.7	1.4	10	14	19
Guyane	—	—	1.2	0.2	2.8	0.7	—	15	20
Haiti/Haïti	0.7	0.1	0.7	0.1	...	...	12	12	13*
Honduras	1.7	0.3	2.6	0.6	...	...	17	19	23*
Jamaica/Jamaïque <sup>2</sup>	1.0	0.5	1.7	1.1	...	...	35	42	44
Mexico/Mexique	4.4	0.9	6.3	1.3	9.2	2.3	18	18	20
Nicaragua	1.8	0.4	3.4	1.3	7.6	3.7	19	26	32
Panama	5.1	4.0	7.5	6.4	7.0	6.1	43	47	46
Paraguay	3.8	1.6	4.0	2.8	4.3	3.3	32	41	42
Peru/Pérou	5.8	2.4	10.4	5.6	13.7	7.5	29	34	35
Trinidad and Tobago/Trinité et Tobago	0.9	0.7	2.5	1.4	3.4	1.8	44	37	35
Uruguay	9.0	6.3	...	...	11.0*	7.5*	41	...	40*
Venezuela	5.3	2.6	8.2	4.2	11.6	8.2	31	33	41

1. Number of students in relation to the population in the 20 to 24 year age-group.

2. Mons College only.

considerably in 1970 in a good many countries where the more rapid growth of female enrolment has enabled a greater degree of balance to be achieved between the enrolment ratios for each sex. There remain, however, very considerable inequalities even if Haiti – which is an extreme case – is excluded: thus, in Mexico the enrolment ratio for men is 9.2% as against only 2.3% for women; in Guatemala it is 5.7% as against 1.4%; in Colombia 7.2% compared with 2.5% and in Bolivia 9.6% compared with 4.2%.

### 5. Foreign students and enrolment ratio

The number of foreign students enrolled in institutions of higher education in Latin American countries is relatively low and its effect on the enrolment ratio is thus negligible. The eight per cent of foreign students in Uruguay in 1968 represents as a whole an exception, just as their relative importance in Jamaica is linked with the structure of the University of the West Indies. In absolute figures there were some 9,000 foreign students studying in Argentina in 1970 (these figures probably also include immigrants); in Brazil there were 6,763 in 1971 and in Mexico 2,539 in 1969.

There are a good many Latin American students abroad, particularly in the United States of America and

**Table 6 – Distribution of student population by age-groups (as a %)**

Country/Pays	Year Année	under 20 years moins de 20 ans	20-24 years 20-24 ans	25-29 years 25-29 ans	30 years and over 30 ans et plus
Argentina/Argentine	1962	29.5	45.7	15.6	9.2
TOTAL	1965	24.0	47.6	14.7	13.7
	1969	22.2	51.6	14.9	11.3
University education	1962	28.9	46.7	16.0	8.4
Enseignement universitaire	1965	22.7	47.8	15.4	14.1
	1969	20.4	51.8	15.9	12.0
Non-university education	1962	34.0	38.5	12.2	15.3
Enseignement non universitaire	1965	36.1	45.9	8.3	9.7
	1969	34.7	50.5	8.2	6.6
Chile/Chili	1971	16.0	57.1	18.0	8.8
Cuba	1971	17.0	50.3	16.5	7.2
Costa Rica	1966	32.8	41.0		26.2
TOTAL	1972	32.0	44.7		23.3
University education	1966	28.7	40.5	13.8	17.0
Enseignement universitaire	1972	31.9	42.6	15.5	10.0
Teacher training	1966	51.5	43.4		5.0
Enseignement normal	1972	32.5	57.6		9.9
Mexico/Mexique	1965	20.6	54.8	18.0	6.6
	1970 <sup>1</sup>	26.1	54.8		19.1
Peru/Perou <sup>2</sup>	1966	17.5	49.2	21.5	11.8
	1969	17.8	53.0	19.8	9.4
Venezuela	1960	24.0	48.3	16.1	11.6
	1965	20.4	51.1	17.5	11.0
	1971	20.4	51.1	17.5	11.0

1. Not including the Autonomous University of Mexico

2. Not including teacher training of a non-university type

**Table 7 – Average annual growth rates of enrolment by field of study (as a %)**

Country/Pays	Humanities/Lettres			Education			Fine arts/Beaux-arts			Law/Droit	
	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65
Argentina/Argentine	10.1	16.1	4.3	17.8	24.0	11.7	0.9	-2.8	4.8		
Barbados/Barbade	—	—	11.0	6.6	5.5	7.8	—	—	—	—	—
Belize	—	—	—	11.5	12.0	11.0	—	—	—	—	—
Bolivia/Bolivie (1965-68)	—	—	0.1	—	—	13.6	—	—	13.4	—	—
Brazil/Brésil	21.8	11.9	32.5	17.3	10.2	24.9	11.8	1.0	23.7	11.5	6.8
Chile/Chili	2.7	-0.1	6.7	13.1	9.4	16.8	11.2	5.1	17.7	0.8	4.2
Colombia/Colombie	14.3	37.7	-5.1	25.3	34.9	16.5	6.7	10.9	2.6	7.9	5.0
Costa Rica	13.8	10.2	17.5	12.9	10.0	15.9	5.0	6.7	3.3	6.1	4.0
Cuba	11.0	21.0	3.6	-8.8	4.2	-18.0	10.2	1.0	18.2	-14.3	-10.5
El Salvador	6.5	4.6	8.8	1.6	1.4	1.7	—	—	—	-0.5	8.1
Ecuador/Equateur	30.4	29.0	31.8	20.7	14.4	27.4	13.6	6.3	21.3	8.3	2.0
Guatemala	20.3	—	—	—	—	—	10.2	—	—	6.4	—
Guyana/Guyane	—	—	21.6	—	—	—	—	—	—	—	—
Honduras (1960, 65, 68)	—	—	0	14.2	9.2	17.0	—	—	—	7.3	9.0
Mexico/Mexique	17.8	11.1	25.0	—	—	—	9.1	11.1	7.0	9.3	11.2
Nicaragua	—	—	—	—	—	—	—	—	—	—	—
Panama	0.5	4.2	-3.1	7.5	18.7	-2.6	3.0	5.5	0.5	11.9	10.4
Paraguay	11.4	16.9	6.1	—	—	—	12.6	9.6	15.6	10.4	14.0
Peru/Pérou	14.0	17.1	11.4	17.6	29.9	8.3	24.0	20.3	26.0	6.1	6.1
Trinidad and Tobago/Trinité et Tobago	—	—	6.1	5.0	9.4	0.7	—	—	—	—	—
Uruguay (1960, 65, 68)	-4.1	-3.8	-4.6	—	—	—	0.9	-1.5	0.0	1.4	1.4
Venezuela (1960, 64, 67)	5.7	6.5	4.8	20.0	20.0	20.0	10.7	9.9	11.7	7.1	12.6

NOTES – Argentina – Law is included with social sciences.

Costa Rica – Humanities include natural sciences and the compulsory general course for first-year students.



in Europe, but their number is not large enough to change enrolment ratios significantly. It should be noted, however, that in Trinidad and Tobago the enrolment ratio calculated with the inclusion of students studying abroad is 4.2% in 1970 as against 2.6% if they are excluded; in Guyana it is 3.8% compared with 1.7%; 7.7% in Panama as against 6.5%; and 7.5% in Bolivia as against 6.9%. In all the other countries enrolment ratios change only slightly if students studying abroad are taken into consideration for calculation purposes.

## 6. Distribution of student population by age

Data concerning students' age are not very significant insofar as they are available in respect of seven countries only: Argentina, Chile, Cuba, Costa Rica, Mexico, Peru and Venezuela. On the basis of Table 6 it can, however, be seen that if they were to reflect the age structure of the student population, the enrolment ratios calculated in sub-sections 3 and 4 above would be distinctly lower. Although, in fact, students in the 20 to 24 year age-group constitute the majority, there are many who are under 20 or over 25 years of age. The relations between the number of students in the 20 to 24 year age-group and the total population in the same age-group<sup>1</sup> is, thus, for the most recent year shown in Table 6, 7% in Argentina,

6.7% in Chile, 2.4% in Cuba, 5.9% in Costa Rica and 5.2% in Venezuela.

In these seven countries students in the 25 to 29 year age-group represent 15 to 20% of the total student population and those aged 30 years or over represent more than 10% in the majority of these countries.

## H. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

Tables 7 and 8 show, respectively, the average annual growth rates and the distribution of students by field of study. These two tables form the basis for the analysis of trends in each field of study in the various countries under review.

Owing to the lack of international comparable data, it has not been possible in this section to take the Dominican Republic and Haiti into consideration. In Bolivia, Honduras and Uruguay, 1968 was the most recent year for which these data were available; in Venezuela it was 1967.

1. What we have in this case is an enrolment *rate* in respect of the population in the 20 to 24 age-group and not an enrolment *ratio* as defined previously.

Social sciences Sciences sociales			Natural sciences Sciences exactes et naturelles			Engineering Sciences de l'ingénieur			Medical sciences Sciences médicales			Agriculture		
1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70
4.3	9.0	-0.2	6.4	10.8	2.1	5.2	4.4	6.1	-1.5	2.0	-5.0	13.6	13.3	13.9
-	-	-	-	-	19.5	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	7.5	-	-	9.9	-	-	12.7
...	...	18.6	...	...	16.7	...	...	16.8	10.7	5.1	16.7	14.0	17.5	10.6
20.4	16.0	25.0	28.1	14.9	42.8	15.8	14.8	10.6	11.1	8.3	13.9	9.6	0.0	20.1
15.2	13.9	16.5	2.5	-3.4	8.8	14.4	18.3	12.5	4.9	1.6	8.3	14.3	15.9	12.7
22.9	21.0	24.8	12.2	5.7	19.2	12.4	12.2	28.9	10.8	10.2	11.5	20.9	15.4	26.6
7.9	4.9	11.0	...	...	...	16.9	5.9	6.4	11.1	13.7	9.1	15.3	10.2	19.6
-11.7	-8.8	-13.9	14.6	6.9	21.1	7.3	8.4	13.6	7.0	3.4	11.4	-	-	19.4
11.8	9.1	15.2	-6.6	12.9	-25.7	8.7	4.7	21.3	7.3	-5.6	22.1	17.4	14.1	20.7
20.5	12.8	28.7	8.2	-6.4	25.2	15.2	9.5	9.1	-	-	-	13.3	-	-
15.7	...	...	1.9	...	...	10.0	...	22.7	-	-	-	-	-	-
-	-	18.1	-	-	22.7	-	-	6.6	7.2	15.7	-5.5	7.3	1.7	17.6
17.0	7.9	34.0	4.3	4.8	3.5	3.2	1.3	19.2	11.8	11.2	12.4	12.7	11.2	14.2
11.3	11.2	11.4	5.9	11.2	0.8	15.1	11.2	26.2	1.0	-6.7	9.4	11.8	4.1	20.0
27.3	37.9	17.5	...	...	...	3.5	6.1	1.0	6.5	9.8	3.3	9.7	28.8	-6.6
15.3	20.6	10.4	6.2	16.1	-2.8	14.7	16.2	13.2	1.3	-4.5	7.4	8.7	6.1	11.3
8.2	14.5	2.2	6.9	2.6	11.3	9.6	5.8	12.7	3.9	0.8	6.6	15.0	15.9	14.3
12.8	15.7	10.5	9.6	17.1	3.7	-	-	15.5	-	-	-	8.3	11.6	5.2
-	-	39.5	-	-	17.3	-	-	5.7	4.0	2.9	5.9	12.1	13.0	10.7
2.8	4.0	0.6	...	...	...	1.7	-0.5	12.3	9.4	10.7	7.6	17.4	24.0	9.0
14.0	9.2	21.0	27.0	39.0	11.7	8.4	5.6							

Guatemala, Mexico and Paraguay — Education is included with humanities.  
Uruguay — Natural sciences are included with humanities

Table 8 — Distribution of students by field of study (as a %)

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical Sciences médicales	Agriculture
Argentina/Argentine	1960	7	4	10		33	3	13	28	2
	1965	10	7	6		36	4	11	22	2
	1970	11	11	7		32	4	14	15	4
Barbados/Barbade	1960	—	100	—	—	—	—	—	—	—
	1965	44	41	—	—	—	15	—	—	—
	1970	41	33	—	5	—	20	—	—	—
Belize	1960	—	100	—	—	—	—	—	—	—
	1965	—	100	—	—	—	—	—	—	—
	1970	—	100	—	—	—	—	—	—	—
Bolivia/Bolivie	1965	2	18	4	9	15	6	9	19	5
	1968	2	19	5	10	19	7	8	19	6
	1960	10	6	5	25	15	4	12	21	3
Brazil/Brésil	1965	11	6	3	21	19	4	14	16	4
	1970	16	6	3	17	21	10	11	13	2
Chile/Chili	1960	4	28	6	11	11	4	20	12	5
	1965	2	26	4	8	12	2	28	11	3
	1970	2	31	5	4	15	2	26	12	4
Colombia/Colombie	1960	3	4	11	18	10	3	24	21	7
	1965	7	10	10	12	13	2	22	12	7
	1970	3	12	6	10	20	3	20	9	7
Costa Rica	1960	40	25	5	6	12	...	4	6	1
	1965	43	26	5	5	10	...	3	7	2
	1970	45	26	3	3	8	...	5	5	3
Cuba	1961	4	15	3	3	26	6	18	20	5
	1965	6	15	2	2	14	6	21	28	6
	1970	6	4	4	1	5	12	22	33	12
El Salvador	1959	12	6	—	24	15	6	21	15	—
	1965	9	4	—	22	15	7	16	11	2
	1970	6	2	—	6	13	1	13	8	2
Ecuador/Equateur	1960	4	8	5	16	12	4	19	25	5
	1965	9	11	5	12	15	2	20	13	7
	1970	13	13	4	9	19	2	19	13	6
Guatemala	1960	7	—	4	27	17	5	17	19	4
	1970	14	—	4	17	24	2	15	15	5
Guyane	1965	36	—	—	—	36	27	—	—	—
	1970	28	5	1	1	24	27	—	—	—

Honduras	1960	-	7	-	22	19	6	19	18	10
	1965	2	7	-	22	18	5	13	25	7
	1968	1	9	-	18	32	4	12	16	8
Jamaica/Jamaïque <sup>1</sup>	1961	31	4	-	-	16	25	-	23	-
	1965	29	6	-	-	15	32	-	18	-
	1970	23	5	-	1	21	31	-	19	-
Jamaica/Jamaïque <sup>2</sup>	1967	19	3	-	-	26	22	18	12	-
	1970	15	3	-	1	26	24	20	12	-
Mexico/Mexique	1960	7	7	5	13	27	10	20	16	3
	1965	7	12	5	13	27	10	19	16	3
	1970	12	10	4	10	25	5	25	15	3
Panama	1960	29	9	6	6	18	17	7	7	1
	1965	20	12	4	5	26	19	5	6	2
	1970	15	10	4	6	37	15	5	7	1
Paraguay	1960	19	19	7	19	18	9	4	18	6
	1965	24	24	7	22	21	6	5	8	5
	1970	23	23	10	22	17	7	6	8	6
Peru/Pérou	1960	8	30	1	10	16	4	12	15	5
	1965	8	49	1	6	15	4	7	7	4
	1971	9	46	2	5	16	3	8	6	5
Trinidad and Tobago	1960	-	85	-	-	-	-	-	-	15
Trinité et Tobago	1965	24	43	-	-	3	11	10	-	8
	1970	22	30	-	1	9	17	14	-	7
Uruguay	1960	8	-	12	29	14	...	4	30	4
	1965	6	-	10	28	15	...	4	31	7
	1968	4	-	9	26	14	...	4	33	8
Venezuela	1960	8	8	3	15	21	2	18	19	4
	1966	7	13	3	13	22	3	14	17	6
	1967	6	13	3	11	24	4	14	16	6

NOTES — Colombia, El Salvador and Ecuador — Figures do not total 100, the difference being due to the fact that first-year or preparatory (general studies) year students are not classified by field of study.

Costa Rica — Humanities include natural sciences and the compulsory general course for first-year students.

Jamaica (1) — Mona Campus only (University of the West Indies).

Jamaica (2) — Mona Campus and College of Arts, Sciences and Technology.

Uruguay — Natural sciences are included with humanities.



## 1. Humanities, education and fine arts

It has not been possible to consider humanities and education (teacher training) separately in Guatemala, Mexico and Paraguay. Figures for humanities in Costa Rica include the courses taken by all first-year university students as well as the natural sciences. In Uruguay data for humanities refer to the Faculty of Letters and Sciences. Furthermore, even in the case of countries which provide separate figures for humanities and education (teacher training), this distinction may not be comparable at the international level. The difficulty is that in certain countries where teacher training is provided at university, students are classified according to the subject they propose to teach, so that the heading "education" refers mainly to pedagogical studies.

### (a) Humanities

If we leave aside Brazil, Guatemala, Ecuador, Mexico and Argentina, the proportion of students enrolled in the humanities sector remained stable or decreased between 1960 and 1970 (Figure 3). This is true just as much of countries where this proportion was substantial in 1960 (Barbados, Guyana, Panama, Trinidad and Tobago) as in those where it was, on the whole, modest (Honduras, Bolivia, Colombia, Cuba, Chile, Uruguay, Peru and Venezuela). As Table 7 indicates, certain of these countries have considerably reduced the annual growth rate of enrolment in this sector during the 1965-1970 period. In the case of Colombia the drop is remarkable – a negative rate of 5.1% per annum as against 37.7% per annum between 1960 and 1965. However, humanities students

in this country represent only 3% of the total student population. On the other hand, the extremely rapid growth in the number of these students between 1965 and 1970 in Ecuador (31.8% per annum), Brazil (32.5% per annum) and Guatemala has resulted in a marked increase in the proportion that this group represents.

### (b) Education (teacher training)

As Figure 4 shows, Peru differs sharply from Latin American countries as a whole: students in this category represented 46% of total enrolment in 1970 as against 30% in 1960. Peru has, in fact, many non-university institutions for the training of teaching staff. Their greatest expansion, however, took place between 1960 and 1965 (Table 7) as the growth in the number of these students decreased to 8.3% per annum between 1965 and 1970 compared with approximately 30% per annum during the former period.

Apart from Peru it is only in Ecuador, Venezuela, Colombia and Argentina that the proportion of students in this category has grown to a marked degree between 1960 and 1970 (Figure 4). It is interesting to note in this respect that this percentage has remained stable in the majority of countries. In Cuba these students represented, in 1970, only 4% of the total compared with 15% in 1960 and this relative drop also reflects an absolute decrease in this group of students between 1965 and 1970 (–18% per annum). In Trinidad and Tobago the decrease in the percentage of students enrolled in this sector is due more particularly to the recent diversification of higher education in the country.

Fig. 3 – Humanities – Percentage of students

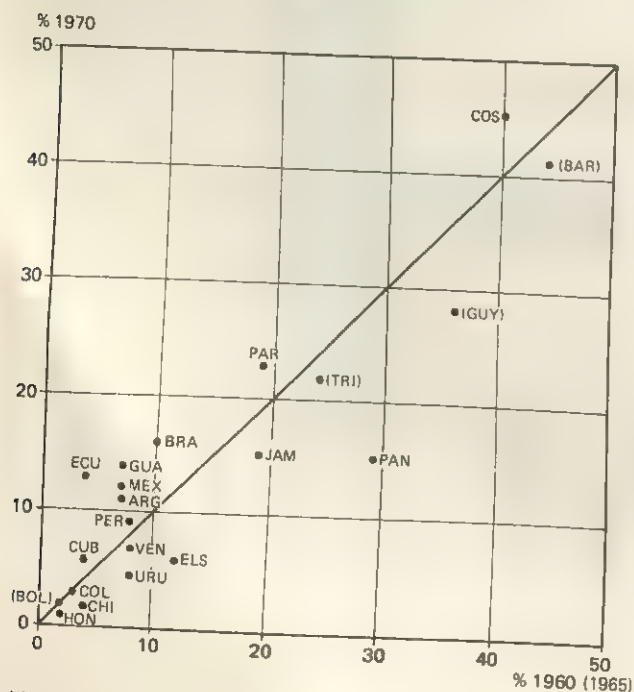


Fig. 4 – Education – Percentage of students

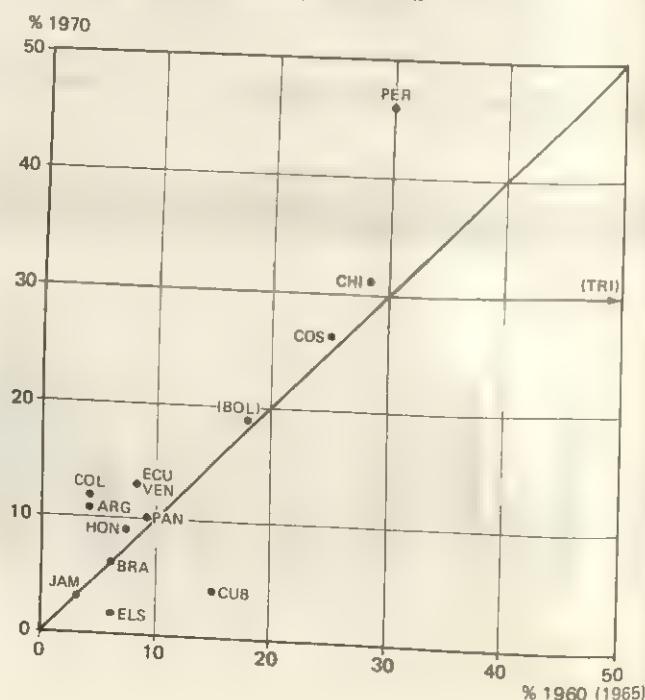
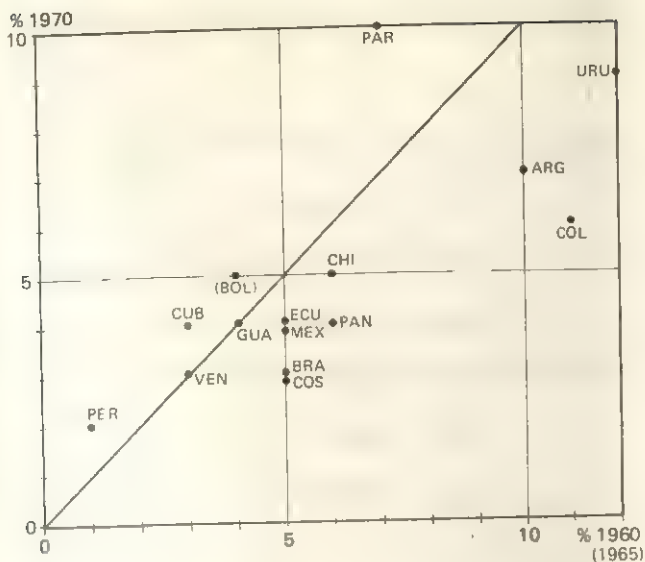


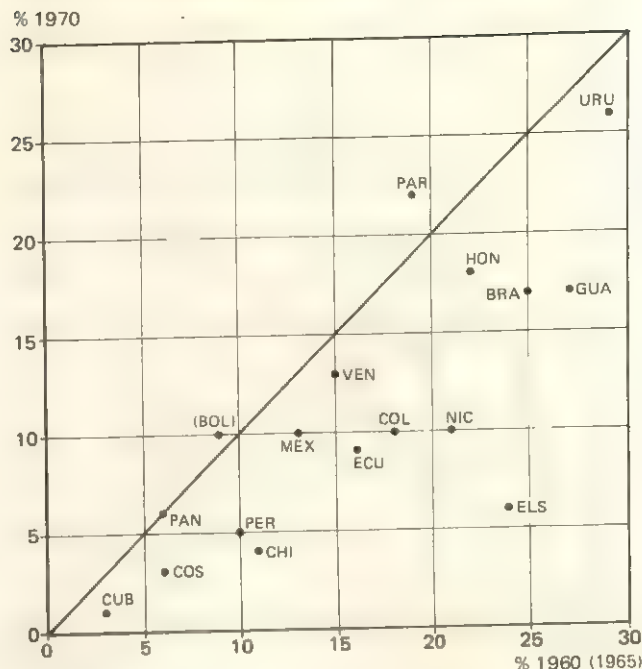
Fig. 5 — Fine arts — Percentage of students



(c) *Fine arts*<sup>1</sup>

With the exception of Paraguay and Uruguay where fine arts students represented, in 1970, 10 and 9 % respectively of the total student population, this proportion is fairly low in most countries (Figure 5): between 2 and 7 %. Furthermore, the percentage has fallen since 1960, except in Paraguay, Bolivia, Cuba and Peru. As Table 7 shows, the annual growth rate of students in the fine arts in these four countries was much greater between 1965 and 1970. The same fact can be seen to a marked extent in Brazil (an annual increase of 23.7 % between 1965 and 1970, compared with 1 % during the 1960-65 period) and in Ecuador.

Fig. 6 — Law — Percentage of students



It appears, in fact, that the recent development of higher education systems in Latin America has taken the form of a wider diversification of disciplines rather than the focusing of priority attention on traditional subjects such as law. This is, at least, what emerges from Table 7 where it can be seen that annual growth rates of law students are, in general, not as high as those for other fields of study. This growth may seem considerable between 1965 and 1970 in Brazil and Ecuador in relation to the other countries; it reflects, however, the rapid expansion of the educational systems in these two countries and it is not as high as growth of enrolment in other fields of study.

Lastly it can be seen, that the percentage of students enrolled in law studies varies considerably from one country to another. In 1970 it stood at 1 % in Cuba and 26 % in Uruguay (1968). Between these two extremes three groups of countries can be distinguished according to the percentage figure in 1970: one group (Costa Rica, Chile, Peru and Panama) where the percentage of students in this category is very low (between 3 and 6 %); a second group where it lies between 9 and 13 % (Ecuador, Bolivia, Mexico, Colombia, Nicaragua and Venezuela), and a third group (Guatemala, Brazil, Honduras and Paraguay) where it is still fairly high (between 17 and 22 %).

(b) *Social sciences*

The social sciences have experienced very rapid growth in many Latin American countries to judge from the

1. In the case of Latin America this refers more particularly to architectural studies.

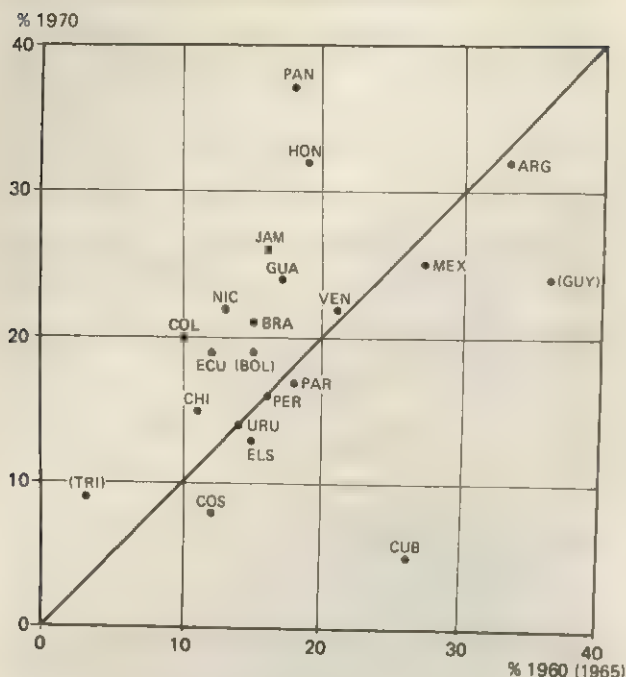
2. Law and social sciences

It has not been possible to make a separate analysis of law and social sciences in Argentina and this country is therefore shown only under the head of "social sciences". However, on the basis of available information the trends in student enrolment in these two categories have followed the general tendencies noted in most Latin American countries.

(a) *Law*

In 1960 law held an important, and at times predominant place in university studies in the Latin American countries: over 15 % of the total student population in ten countries. By 1970 this situation has changed markedly and Figure 6 reveals the decline in the percentage of law students. The proportion of students in this category decreased in all countries, the only notable exception being Paraguay (22 % in 1970 as against 19 % in 1960).

Fig. 7 — Social sciences — Percentage of students



increase in the percentage of students in this category between 1960 and 1970 (Figure 7). In certain countries such as Panama and Colombia this proportion doubled during the decade. Moreover, as Table 7 indicates, the growth rate in respect of the number of these students between 1965 and 1970 was at least 15 % per annum in half the countries under review.

It should also be noted that in a not inconsiderable number of countries — El Salvador, Uruguay, Peru, Paraguay, Venezuela, Mexico and Argentina — the percentage of students in this group barely changed between 1960 and 1970.

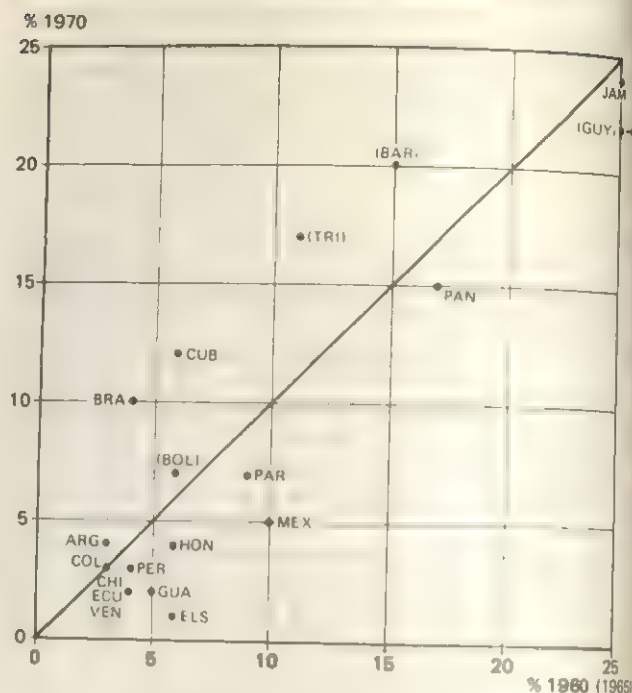
The situation of Cuba in this respect is quite exceptional in relation to the other Latin American countries. In 1961, student enrolment in the social sciences represented 26 % and in 1965 this percentage had dropped to 14 %, to be finally reduced to 5 % in 1970. The numbers of students in this group have, thus, decreased by 11.7 % per annum between 1960 and 1970.

### 3. Natural sciences

It is clear from Figure 8 that, with the exception of Brazil, Cuba, Panama, Trinidad and Tobago, Barbados and Jamaica, students in this category represent only a slight proportion of the total student population in the Latin American countries: between 1 and 7 % in 1970. What is more, this percentage decreased in most countries during the decade. For example, in Mexico it dropped to 5 % in 1970 as against 10 % in 1960.

A reverse tendency can be seen more especially in Brazil and Cuba. The number of students enrolled in natural sciences increased at a very considerable rate in

Fig. 8 — Natural sciences — Percentage of students



these countries between 1965 and 1970 (Table 7): 42.8 % per annum in Brazil and 21.1 % per annum in Cuba. These rates, which are extremely high in comparison with other fields of study, have enabled these countries at least to double the percentage of students in this group. The percentage now stands at 12 % in Cuba compared with 6 % in 1960 and 10 % in Brazil as against 4 % in 1960.

It is possible, to a greater extent than in any other field of study that variations in the definition of the natural sciences explain in part the differences between countries. It has been established that the low percentage of students in this category in some countries is due, to a certain extent, to the impossibility of distinguishing, in statistical terms, students enrolled in the natural sciences in "faculties of philosophy, sciences and letters" whose main purpose is the training of teachers. Students in these faculties are sometimes lumped together under "humanities" or split between "humanities" and "education".

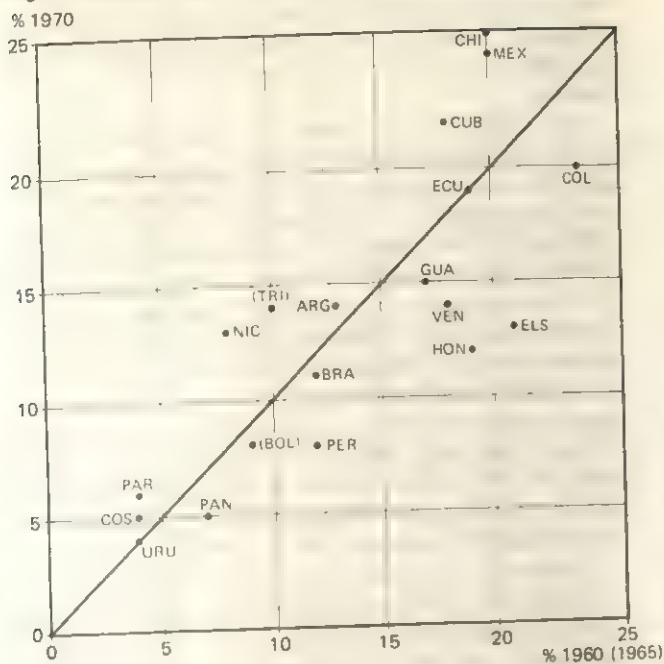
### 4. Engineering and agriculture

#### (a) Engineering

As Figure 9 indicates, the proportion of engineering students increased in marked fashion between 1960 and 1970 only in Chile, Mexico, Cuba, Trinidad and Tobago (between 1965 and 1970) and Nicaragua. It is only, in fact, in these countries and in Argentina, Paraguay and Costa Rica that the rate of increase in the number of these students (Table 7) exceeded the rate of increase in the total student population (see Table 1 in section I above), during the decade. In the majority of the other countries the relative importance of this group is declining.



Fig. 9 — Engineering — Percentage of students

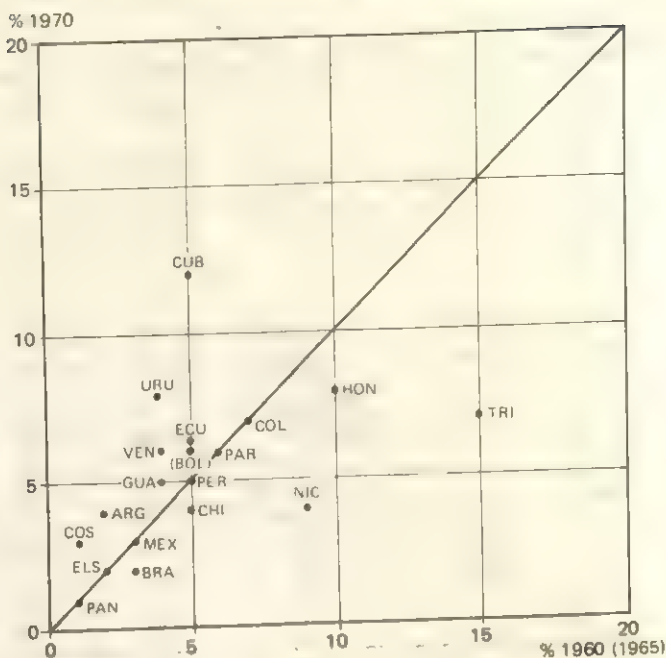


If we consider the proportion of these students in 1970 three groups of countries can be distinguished. In the first (Peru, Bolivia, Paraguay, Panama, Costa Rica and Uruguay) the proportion is very low, ranging from 4 % in Uruguay to 8 % in Peru. In Peru the relative importance of this field of study has dropped considerably. This decline took place, however, between 1960 and 1965 and from 1965 onwards a clear acceleration in the growth of enrolment can be seen since it exceeds the growth rate for total student enrolment.

In the second group of countries (Guatemala, Argentina, Trinidad and Tobago, Venezuela, El Salvador, Nicaragua, Honduras and Brazil), the proportion of engineering students in 1970 ranges from 11 to 15 % whereas in 1960 the highest and lowest percentages were 8 and 21 %. The drop in this proportion is specially marked in Honduras and El Salvador. In Brazil, where higher education expanded considerably between 1965 and 1970, engineering is not one of the fields of study that have been marked by the greatest increases: the growth rate is lower than that for the total student population. It should, however be noted that the situation between 1960 and 1965 was the reverse: the annual growth rate for engineering student enrolment (14.8 %) was half as much again as for all disciplines (10.2 %).

In the third group of countries (Chile, Mexico, Cuba, Colombia and Ecuador) the present proportion of engineering students is very high: 26 % in Chile, 25 % in Mexico. It has increased distinctly in these two countries and in Cuba, remained stable in Ecuador (the annual growth rate in the number of these students was equal to that for the total number of students) and is declining in Colombia (20 % in 1970 as against 24 % in 1960).

Fig. 10 — Agriculture — Percentage of students



#### (b) Agriculture

In 1970 the percentage of student enrolment in agriculture was under 8 % in all countries with the exception of Cuba where it increased very considerably between 1960 and 1970, the percentage rising from 5 to 12 % (Figure 10). Indeed, in comparison with other subjects, the number of students in this category has grown at a very fast rate, particularly during the 1965-1970 period: 19 % per annum (Table 7). In comparison with other fields of study, growth rates have also been considerable in Uruguay and Costa Rica, with the result that there has been a sharp increase in agriculture's share of the total student population.

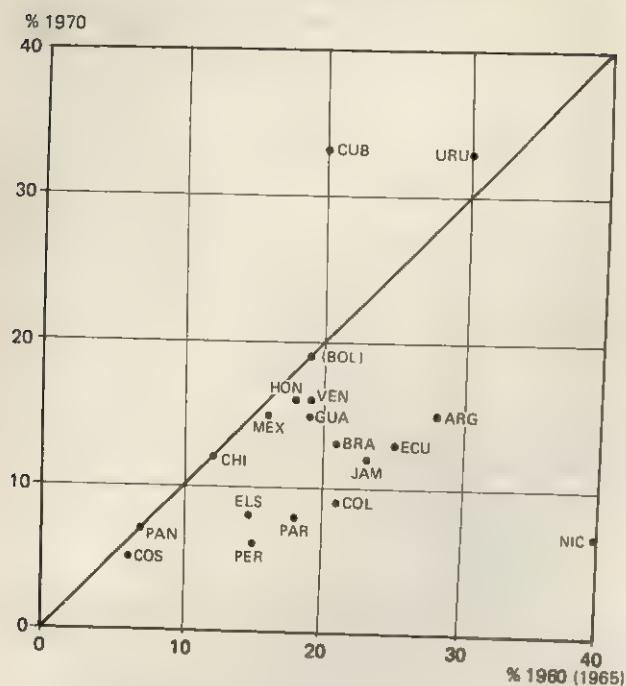
In Trinidad and Tobago and in Nicaragua there has been a marked falling away in the relative importance of agriculture during the decade.

In the majority of countries, lastly, the percentage represented by these students has remained fairly stable.

#### 5. Medical sciences

As Figure 11 shows, the drop in the relative importance of the medical sciences is a feature common to almost all Latin American countries. Cuba and, to a lesser extent, Uruguay are the only exceptions. These two countries are still distinguished by the fact that in 1970 the proportion of students in this category was much higher (33 %) than in other countries (under 20 %). In Cuba the growth rate in the number of these students was extremely rapid between 1960 and 1965 (13 % per annum) and also during the 1965-1970 period (9.1 %) in comparison with other fields of study (see Table 7).

Fig. 11 — Medical sciences — Percentage of students



It is interesting to note that the percentage of enrolment in the medical sciences has decreased more especially in those countries where it was very high in 1960: Nicaragua, Argentina, Ecuador, Brazil and Colombia. In 1960, the proportion of students in this category exceeded 20 % in these countries, reaching even 40 % in Nicaragua. In 1970 this percentage was less than 15 % in all these countries. An equally substantial decrease can be seen in Paraguay (8 % in 1970 as against 18 % in 1960) and in Peru (6 % in 1960 compared with 15 % in 1970). In certain countries and at different periods there has also been a falling away in the number of students in the medical sciences (Figure 20): Ecuador (1960-1965), Honduras (1965-1970), Paraguay (1960-1965), Nicaragua (1960-1965) and Argentina (1965-1970).

The maintenance of a high growth rate in enrolment in the medical sciences — and more particularly in medicine properly speaking — always involves very considerable capital expenditure. This may explain to a certain extent the less rapid growth in the number of these students in some countries in relation to other fields of study. It is also possible that since the percentage of enrolment in the medical sciences was already very considerable in 1960 in many countries, as in Argentina for example, such countries have decided to encourage the expansion of other fields of study.

## 6. Female students by field of study

Table 9 sets out the proportion of women students in each field of study for several countries. In section I above this proportion was calculated in relation to the total

student population but it is clear that this does not provide an exact reflexion of female enrolment in higher education. Indeed, as soon as this enrolment is calculated by field of study, very considerable differences can be observed.

In all countries the proportion of women among teacher training students (education)<sup>1</sup> was higher in 1970 than the overall female enrolment rate. This proportion was, for example, 87 % in Argentina and 77 % in Brazil whereas the overall female enrolment rate for higher education as a whole in these two countries was 43 and 38 % respectively. It is interesting to note that in Peru, where teacher training holds an important place in the higher education system, there is no difference between female (48 %) and male (52 %) enrolment in this category. In most countries a slight trend towards a drop in female enrolment in "education" can be noted between 1960 and 1970. This trend was, however, very marked in Cuba (63 % compared with 86 % in 1961) and in Costa Rica (69 % as against 80 % in 1960).

Humanities also represent a sector where this rate is very high: over 50 % in the majority of countries in 1970, 72 % in Brazil, 74 % in Paraguay and 81 % in Argentina. Although a clear decline in this rate between 1960 and 1970 can be observed in Cuba (59 % as against 72 %) and, to a lesser extent, in Chile and Mexico, in the other countries the trend has been, as a whole, towards expansion.

In 1970 female enrolment in the medical sciences was fairly considerable in relation to other fields of study in many countries such as Chile, Cuba, Nicaragua, Paraguay and Peru. A very marked increase in this rate was recorded between 1960 and 1970 in these five countries, as well as in Argentina, Ecuador and Brazil. It has, in fact, dropped only slightly in the two countries where it exceeded 50 % in 1960: Panama and Costa Rica.

The proportion of women students in the social sciences remains fairly low in the majority of countries, the two important exceptions in 1970 being Panama (46%) and Cuba (42%). In Chile this rate fell from 44% in 1960 to 38% in 1970 and the only other decrease occurred in Costa Rica. As Table 9 indicates, the proportion of women in the student population in this category tended on the whole to increase in the other countries.

With regard to law, growth in the female enrolment rate has been a common tendency in Latin America, though in 1970, with the exception of Cuba and Uruguay, this percentage was still fairly low.

Considerable discrepancies exist in relation to female and male enrolment in engineering and agriculture. In spite of an increase in female enrolment rates in these two fields of study, they still stand at very low level: between 1 and 9% in engineering. Cuba provides a notable exception in this respect: 19% in 1970 (compared with 14% in 1961) of students enrolled in engineering were women, and in agriculture the percentage now stands at 25%. Engineering studies seem still to be more

1. For the sake of convenience in this survey, we shall also employ the expression "female enrolment rate".

**Table 9 — Proportion of female students by field of study (%)**

Country/Pays	Total		Humanities		Education		Fine arts		Law		Social sciences		Natural sciences		Engineering		Medical sciences		Agriculture	
			Lettres		Education		Beaux-arts		Droit		Sciences sociales		Sciences exactes et naturelles		Sciences de l'ingénieur		Sciences médicales		Agriculture	
	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970
Argentina/Argentine	33	43	80	81	85	87	47	46	...	...	28	33	40	51	2	4	30	40	8	13
Barbados/Barbade	57	46	-	49	57	59	-	-	-	20	-	-	-	24	-	-	-	-	-	-
Belize	58	70	-	-	58	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bolivia/Bolivie (1965, 1968)	26	28	47	56	72	68	31	26	12	21	19	21	4	5	1	2	28	28	2	10
Brazil/Brésil	28	38	64	72	77	77	55	61	14	24	28	31	38	37	2	4	24	31	4	9
Chile/Chili	37	38	61	57	66	61	46	45	22	25	44	38	29	31	3	6	36	60	13	13
Costa Rica	44	44	32	41	80	69	63	56	10	16	30	22	...	...	2	3	56	48	3	4
Cuba	33	39	72	59	86	63	33	45	34	46	32	42	60	45	14	19	28	48	19	25
Ecuador/Equateur	19	30	35	68	52	52	6	14	6	11	26	32	49	56	3	2	22	30	1	12
Guatemala (1965, 1970)	14	19	57	52	...	...	10	14	7	15	12	17	35	66	1	3	5	12	3	3
Guyana/Guyane (1965, 1970)	15	20	28	31	-	26	-	13	-	15	4	15	13	20	-	2	33	33	-	-
Mexico/Mexique (1960, 1969)	18	18	57	50	57	59	12	10	11	14	17	17	34	41	1	3	21	24	3	3
Nicaragua	...	...	...	...	...	...	...	...	10	24	13	23	...	...	2	7	28	50	-	3
Panama	43	46	62	66	73	70	12	21	4	15	44	46	28	42	1	5	58	56	-	5
Paraguay	32	42	60	74	...	...	59	50	17	26	7	21	63	64	6	6	27	54	19	10
Peru/Pérou (1960, 1971)	29	35	28	33	51	48	18	36	13	17	25	25	23	33	4	9	28	50	3	4
Trinidad & Tobago/Trinité et Tobago	44	35	-	48	52	52	-	-	-	26	-	21	-	33	-	1	-	-	1	13
Uruguay (1968)	...	40	...	66	-	-	...	34	...	45	...	37	...	...	...	9	...	46	...	15
Venezuela	31	...	56	...	57	...	44	...	32	...	26	...	31	...	6	...	42	...	6	...

NOTES — Argentina — Law is included with social sciences.

Costa Rica — Humanities include natural sciences and the general course for first-year students.

Guatemala and Paraguay — Education is included with humanities.

Uruguay — Natural sciences are included with humanities.

“reserved” for men than agriculture where female enrolment rates are slightly higher and have, in certain cases, risen more sharply. Admittedly in certain countries - Peru, Nicaragua, Chile and Panama, for example - the percentage of women in the engineering student population continues to increase; it is nonetheless true that comparison between these rates and those for the humanities and education, for example, discloses considerable differences between the sexes: when the figures are broken down.

### III. GRADUATES

#### 1. Trends in the total number of graduates

Analysis of trends in the number of graduates in Latin America comes up against certain difficulties, including

some of a statistical kind. Very marked variations can be seen at times in this number from one year to another, while in certain cases the figure seems to be relatively low. If we consider this problem solely from the statistical standpoint, certain differences in the definition of the term “graduate” in Latin America may lie at the root of this situation. Statistics vary, indeed, considerably according to whether they refer to the number of “egresados”, “graduados” or “titulados”. A student who successfully completes his course (“egresado”) is not necessarily a “titulado”; he has to prepare a thesis and the “examen de grado”. As a result the number of graduates may be relatively low if only “titulados” are taken into consideration as is the case in many countries in Central America.

As stated in the Introduction, graduates are classified according to three “stages of diploma”, i.e. levels of qualification obtained:



*Stage A:* Diplomas and certificates not equivalent to a first university degree.

*Stage B:* First university degrees or equivalent.

*Stage C:* Degrees awarded to persons already possessing a first university degree or equivalent.

Stage A diplomas are practically non-existent in Latin America (see statistical tables). Although numerically low, they are relatively important, nonetheless, in Jamaica, Guyana, Colombia ("carreras cortas" diplomas), Uruguay (1965) and Ecuador. The largest growth rate is recorded in Colombia: 21% per annum between 1965 and 1969, but in absolute figures the number of these diplomas amounted to only 851 in 1969.

It is obvious that the quasi-totality of the diplomas awarded are first university degrees or equivalent diplomas (Stage B)<sup>1</sup>. As Table 10 indicates, these awards have increased at very rapid rates in the majority of countries. As in the case of numbers of students, the increase in the number of graduates is also strongly marked during the final years of the decade. In Brazil between 1965 and 1970 they increased by 25% per annum compared with 4.3% per annum between 1960 and 1965. The rate was 23.4% in Chile (as against 5.8%); 21% in Ecuador (compared with 15.5%); 13.6% in Cuba (as against 8.5%), 12.2% in Venezuela (compared with 4.3%) and 10.3% in Argentina. In many cases this increase far exceeds that of numbers of students as, for example, in Argentina, Cuba and Chile. Can we conclude, in general, that there is an improvement in the internal efficiency of higher education? To reply to this question in precise detail would require more searching analysis, taking into account other factors such as new enrolments and length of studies.

The reverse tendency to that described above can be seen in Bolivia and Honduras: the growth rate in the number of Stage B degrees awarded dropped considerably from 1965 onwards.

As regards Stage C (post-graduate), very few countries mention this in their statistics. This is due more particularly to the fact that this level of studies is not — or is very little — developed in the Latin American countries. There may, perhaps, be a relation between the virtual non-existence of this level of studies and the relatively long duration (5 years on an average) of studies leading to the first university degree. It should also be added that requirements for obtaining a first university degree in certain Latin American countries are, at times, fairly similar to those normally applicable in obtaining a Stage C degree of the "master's degree" type. If we consider on the other hand what, in many higher education systems in Latin America, are termed Stage C studies, we find that this level is to all intents and purposes negligible during the decade under review. In many countries, for example Brazil, it is only from 1970 onwards that it really began to expand.

**Table 10 — Average annual growth rates of Stage B degrees (first university degree or equivalent)**

Country/Pays	Period/Période	Average annual rates of growth (%) Taux d'accroissement annuel
Argentina/Argentine	1960-66	8.9
	1966-70	10.3
Bolivia/Bolivie	1962-65	29.0
	1965-68	-5.5
Brazil/Brésil	1960-65	4.3
	1965-70	25.0
Chile/Chili	1960-65	5.8
	1965-70	23.4
Colombia/Colombie	1965-69	10.7
Costa Rica	1965-68	18.6
Cuba	1961-65	8.5
	1965-69	13.6
El Salvador	1960-65	23.0
	1965-70	19.3
Ecuador/Equateur	1960-65	15.5
	1965-70	21.0
Guatemala	1960-65	16.8
	1965-70	16.2
Honduras	1961-65	39.0
	1965-69	4.4
Mexico/Mexique	1962-65	10.9
	1965-69	11.0
Nicaragua	1965-69	25.0
Panama	1962-67	13.4
Paraguay	1960-65	12.5
	1965-70	11.3
Uruguay	1960-65	6.2
Venezuela	1961-66	4.3
	1966-69	12.2

## 2. Distribution of graduates by field of study

For the reasons already mentioned, Table 11 shows only Stage B degrees by field of study. However, the statistical tables indicate this distribution for the three stages of diploma for those countries where this is applicable.

In all countries except Paraguay, whose figures include education as well, Guyana, Trinidad and Tobago, Brazil and Panama, the percentage of graduates in the humanities did not exceed 10% either in 1960 or in 1970. Within this limit, there have been changes which differ widely according to the country in question: in Chile

1. In the case of certain countries such as Argentina, Mexico and Peru, it has not been possible to obtain the distribution of degrees and diplomas awarded according to their level. In such instances, for the sake of convenience and in view of the fact that the majority of these are Stage B degrees, they have all been considered as coming within this category.

Table 11 — Distribution by field of study of Stage B degrees (first university degree or equivalent) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine-arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Argentina/Argentine	1960	4	5	5	14	8	6	21	33	4
	1970	8	20	4	13	14	3	10	25	3
Bolivia/Bolivie	1962	1	—	1	24	10	—	13	44	7
	1968	1	2	2	16	23	—	18	32	4
Brazil/Brésil	1960	15	10	5	19	12	4	9	22	3
	1970	18	10	3	14	21	7	12	13	3
Chile/Chili	1960	7	25	3	10	8	1	14	27	4
	1970	2	29	3	4	18	2	23	14	5
Colombia/Colombie	1960	5	1	9	16	8	9	14	33	5
	1969	4	16	3	9	11	5	19	18	15
Costa Rica <sup>1</sup>	1965	3	36	—	27	7	8	6	9	4
	1968	7	34	—	13	8	8	6	20	5
Cuba	1961	5	19	5	6	18	3	6	35	3
	1969	7	13	1	2	9	9	27	26	6
Dominican Republic République dominicaine	1961	7	—	1	21	27	—	8	32	4
	1969	4	26	—	23	23	1	6	15	2
El Salvador	1960	5	—	—	21	—	8	11	55	—
	1970	4	—	—	15	5	16	24	35	1
Ecuador/Equateur	1960	—	15	1	18	1	11	10	36	9
	1970	5	32	3	16	8	2	12	11	11
Guatemala <sup>2</sup>	1960	1	2	—	22	5	6	17	46	2
	1970	5	7	6	16	7	1	20	28	9
Guyane	1966	39	—	—	—	55	6	—	—	—
	1970	54	—	—	—	27	19	—	—	—
Honduras <sup>3</sup>	1961	—	—	—	38	3	3	15	41	—
	1969	—	—	—	33	10	14	18	23	—
Mexico/Mexique	1962	3	1	5	11	8	11	22	36	5
	1969	1	3	5	14	13	5	28	28	4
Panama	1962	25	31	4	9	10	7	2	8	3
	1967	17	31	2	5	17	13	4	8	2
Paraguay	1960	9	—	—	13	19	13	1	28	18
	1970	36	—	3	11	13	11	2	10	10
Peru/Pérou <sup>4</sup>	1971	1	41	1	10	12	2	13	13	7
Uruguay	1960	1	—	8	33	12	—	9	30	7
	1965	1	—	8	20	8	—	6	46	11
Venezuela	1961	5	9	1	14	27	1	11	29	3
	1969	9	19	2	12	17	1	13	21	6

1. University of Costa Rica only.

2. University of San Carlos only.

3. University of Honduras only.

4. Not including teacher training at the third level.

humanities graduates represented 2% in 1970 compared with 7% in 1960; in Argentina and Venezuela the percentage has shown a marked increase. As regards Paraguay, humanities and education, which represented only 9% of the total number of graduates in 1960, reached 36% in 1970.

A considerable number of graduates acquire their training with a view to taking up a teaching career; they represent 41% of the total number of graduates in the

Universities of Peru<sup>1</sup> and between 26 and 34% in the Dominican Republic, Chile, Panama, Ecuador and Costa Rica. This percentage increased more especially in Colombia (16% in 1969 as against 1% in 1960), in Argentina (20% in 1970 compared with 5% in 1960), in Ecuador (32% in 1970 as against 15% in 1960) and in Venezuela (19% in 1969 as against 9% in 1961). As in

1. Data concerning non-university teacher training institutions are not available.

the case of the humanities, the percentage is very low in Mexico, Bolivia and Guatemala.

As with numbers of students, the proportion of law graduates in the total number of graduates has decreased to a marked extent or has remained more or less stable. More up-to-date data are not available for Uruguay, but as far back as 1965 the proportion of law graduates was only 20% compared with 33% in 1960. Between 1960 and 1970 it dropped from 10 to 4% in Chile, from 27 to 13% in Costa Rica between 1965 and 1968, from 16 to 9% in Colombia between 1960 and 1969 and from 24 to 16% in Bolivia between 1962 and 1968. In 1969, however, it was still 23% in the Dominican Republic and 33% in Honduras.

On the other hand, the relative importance of the social sciences has continued to increase, and to a marked extent in Bolivia, Brazil, Chile, Honduras and Ecuador. Cuba is an important exception since the percentage of graduates in this category decreased to 9% in 1969 as against 18% in 1961. An equally marked decline can be seen, furthermore, in Paraguay (19% in 1960 and 13% in 1970) and Venezuela (27% in 1961 and 17% in 1969).

The percentage of graduates in natural sciences increased in those countries where it was fairly low in 1960 or the nearest year to that date: El Salvador, Honduras, Panama, Cuba and Brazil. It decreased, on the other hand, in countries where it was high: Paraguay, Mexico, Colombia and Ecuador. Argentina and Guatemala, where this percentage — already low in 1960 — decreased still further in 1970, should be added to this group of countries.

In 1970 (or 1969) the proportion of engineering graduates reached 28% in Mexico, 27% in Cuba, 24% in El Salvador and 23% in Chile. In these last three countries the increase has been considerable since in 1960 the figure was only 6% in Cuba, 11% in El Salvador and 14% in Chile. If Uruguay, for which no recent data are available, is disregarded, Argentina is the only country in which a very marked decline in the relative importance of engineering is recorded: 10% in 1970 as against 21% in 1960. In the other countries there is, as a whole, an increase, although not a very marked one, and the percentage continues at a low rate in Paraguay and Panama.

Graduates in agriculture who, in 1960 constituted 18% of the total in Paraguay, represented no more than 10% in 1970. The figure is under 5% in Chile, Mexico, Brazil, Argentina, Bolivia, the Dominican Republic and Panama. On the other hand it exceeds 10% in Ecuador and has increased to a marked extent in Colombia (15% in 1969 compared with 5% in 1960), Guatemala, Cuba and Venezuela.

In 1965 roughly 1 graduate out of 2 in Uruguay obtained his degree in the medical sciences. In the absence of more up-to-date information it cannot be established

if, from 1965 onwards, the relative importance of this field of study is decreasing in Uruguay as can be observed in the other Latin American countries. A decrease, in fact, in the percentage of graduates in the medical sciences has been noted in all these countries since 1960. Towards 1960 they represented over 30% of the total number of graduates in many countries: 55% in El Salvador, 46% in Guatemala, 44% in Bolivia, 41% in Honduras, 36% in Ecuador, 35% in Cuba and Mexico, 33% in Argentina and Colombia and 32% in the Dominican Republic. Reference to 1970 (or 1969) shows that this percentage has sometimes decreased considerably. It has dropped, thus, by at least half in Ecuador, Paraguay, the Dominican Republic and Chile. The decline has also been substantial in Colombia, Honduras, Guatemala, Brazil and El Salvador.

### 3. Proportion of women graduates

Tables 12 shows the proportion of women among students who have obtained a Stage B degree (first university degree or equivalent).

In 1970, the overall proportion of women graduates is higher than the proportion of women students (see section I above particularly in Chile (44%), Argentina (50%) and Brazil (41%). It is, on the other hand, significantly lower in Ecuador, Mexico, Peru and, more especially, in Guatemala. In the other countries included in Table 12 the two proportions are more or less equivalent.

If the proportion is considered by field of study, the discrepancies already described concerning female enrolment are even greater in the case of women graduates. The highest percentages of women occur among graduates in "education" (teacher training), the humanities and natural sciences insofar as these relate to teacher training. In Argentina 90% of "education" graduates are women and this percentage exceeds 60% in many countries. Percentages in respect of the humanities are also very high, exceeding 70% in Argentina, Brazil, Chile and Venezuela.

The medical sciences are, in many countries, a field of study in which the proportion of women among graduates is very considerable: 65% in Chile, 45% in Argentina, 43% in Peru, 42% in Cuba and 41% in Venezuela. In almost all countries, furthermore, this percentage has increased during the decade.

Percentages in law have risen in all countries but they are, in general, lower than the percentages calculated for all graduates. In the social sciences they are, on the whole, higher than the overall figures.

Lastly, in engineering, women represent under 6% of graduates in the Latin American countries, with the exception of Cuba (18% in 1969) and Bolivia (12% in 1968).



Table 12 – Proportion of women among Stage B graduates (first university degree or equivalent) as a %

Country/Pays	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Argentina/Argentine	1960	29	70	90	57	23	30	47	1	30	11
	1970	50	87	91	46	31	41	56	4	45	9
Bolivia/Bolivie	1962	19	33	—	—	4	3	—	—	38	8
	1968	30	67	77	21	13	47	—	12	37	—
Brazil/Brésil	1960	36	71	81	62	11	37	45	1	25	3
	1970	41	74	79	63	22	33	48	3	35	12
Chile/Chili	1960	42	83	63	25	15	55	25	1	48	4
	1970	44	74	68	48	25	53	33	2	65	10
Colombia/Colombie	1960	27	55	88	63	4	65	76	0	15	—
	1966	25	50	55	22	15	31	60	2	29	2
Costa Rica <sup>1</sup>	1968	39	35	77	33	2	43	27	—	19	—
Cuba	1961	36	84	86	27	20	16	77	22	15	19
	1969	37	48	71	40	35	33	39	18	42	31
Dominican Republic République dominicaine	1961	29	63	—	—	25	41	—	—	19	37
	1967	42	15	77	44	30	29	—	5	50	17
El Salvador	1970	26	42	—	—	5	—	64	5	34	—
Ecuador/Equateur	1960	27	—	68	—	1	7	69	18	20	—
	1970	24	46	42	5	5	40	70	—	24	3
Guatemala <sup>2</sup>	1960	13	—	—	—	4	—	83	6	14	—
	1970	9	56	33	3	5	3	50	—	7	—
Guyane	1966	16	33	—	—	—	6	—	—	—	—
	1970	20	29	—	—	—	4	18	—	—	—
Honduras <sup>3</sup>	1965	15	—	—	—	8	57	78	—	10	—
	1969	17	—	—	—	11	36	53	5	4	—
Mexico/Mexique	1965	13	55	56	5	9	9	62	1	16	1
	1969	15	63	62	9	12	11	52	2	21	4
Peru/Pérou <sup>4</sup>	1971	30	18	48	13	11	17	25	6	43	1
Venezuela	1961	25	64	4	32	28	21	19	5	35	7
	1969	39	74	58	37	38	39	48	4	41	8

1. University of Costa Rica only.

2. University of San Carlos only.

3. University of Honduras only.

4. Not including teacher training at the third level.

# NORTHERN AMERICA

I. NUMBERS OF STUDENTS ENROLLED

II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

III. GRADUATES

## I. NUMBERS OF STUDENTS ENROLLED

This region comprises only two countries: Canada and the United States of America. During the decade, student enrolment increased at a markedly high rate: 12.6% per annum in Canada and 9% per annum in the United States (Table 1). If we take the two periods 1960-65 and 1965-70, there is no variation in this rate for the United States while Canada underwent a slight decline (12% per annum between 1965 and 1970 as against 13.2% per annum in the 1960-65 period).

Comparison of the expansion of the university and non-university sectors of education reveals that the latter is growing much faster. In Canada, between 1965 and 1970, the average growth rate of enrolment in non-university educational institutions<sup>1</sup> was 19.4% per annum as against 11.3% per annum in university-type education. In the United States, during the same period, the rate was 13.6% per annum for enrolments in institutions providing two-year courses, as against 5.6% per annum in universities and institutions offering four-year courses.

It should also be noted that part-time students represent a major share of the total enrolment. In Canada, in university-type education, their numbers increased by nearly 18% per annum during the decade; their share of total university enrolment rose from 22% in 1960 to 34% in 1970. The growth rate in part-time student enrolment for all institutions of higher education in the United States was 11% per annum between 1960, when it accounted for 28% of total enrolment, and 1970, when it accounted for 31%. It is noteworthy, however,

that the proportion of part-time students is much higher in non-university education<sup>2</sup> (47% in 1970) than in university-type education (26% in 1970).

When studying the development of their higher educational systems, it is not uncommon to find the expression "mass higher education" applied to these two countries, particularly to the United States. As early as 1960 there were about 200 persons out of every 10,000 in the United States and 110 out of every 10,000 in Canada engaged in a course of higher education (Table 1). This proportion has since considerably increased and in 1970 it was 414 out of every 10,000 in the United States or double the 1960 figure, and 300 in Canada, that is, nearly three times the 1960 level. It can also be seen that the gap between the two countries has markedly diminished.

Table 2 — Student population as a percentage of the total population in the 20 to 24 year age-group: enrolment ratio

	Canada			United States of America Etats-Unis d'Amérique		
	MF	M	F	MF	M	F
1960	16.0	19.7	12.3	32.2	40.6	23.9
1965	26.3	32.5	20.2	40.4	49.1	31.7
1966	28.4	34.8	22.0	45.5	54.6	36.3
1967	30.8	37.7	24.0	45.5	54.1	36.9
1968	31.0	37.9	24.1	47.6	56.3	38.8
1969	32.8	39.6	25.8	47.9	56.3	39.3
1970	35.5	42.1	28.8	49.2	57.3	41.0

MF — Enrolment ratio for both sexes

M — Male enrolment ratio

F — Female enrolment ratio

Table 2 shows for these two countries the enrolment ratio defined as the number of students in relation to the total population in the 20 to 24 year age-groups. Although this does not strictly speaking denote the enrolment level in as much as it does not take into account the age structure of the student population, this ratio does nevertheless reflect the wide extension of higher education in the two countries concerned. In the United States it rose from 32.2% in 1960 to 49.2% in 1970, and in Canada the advance has been even more marked, with 35.5% in 1970 as against 16% in 1960.

In 1970 the proportion of women among the total student population was 41.3% in the United States and 40% in Canada, as against 37% and 38% respectively in 1960. It will be seen from table 2, however, that the

1. Excluding teacher training colleges, which are being gradually incorporated in universities.

2. For the purposes of this study, the term institutions of a non-university type means those providing two-year courses.

Table 1 — Growth rates in enrolment and number of students per 10 000 inhabitants

	Canada	United States of America Etats-Unis d'Amérique
Average annual rates of growth of enrolment (%)		
Taux moyens d'accroissement annuel des effectifs d'étudiants(en %)		
1960-1970	12.6	9.0
1960-1965	12.0	9.1
1965-1970	13.2	9.0
Number of students per 10 000 inhabitants		
Nombre d'étudiants par 10 000 habitants		
1960	110	198
1965	185	284
1970	300	414



enrolment ratio is higher for men than for women. Since the increase in female enrolment was slightly faster than for male enrolment, the gap between the two enrolment ratios has been somewhat reduced. Nevertheless the differences existing in 1970 are not negligible: in the United States the ratio amounts to 57.3% for men, as against 41% for women, and in Canada to 42.1% as against 28.8%.

These two countries receive a relatively large number of foreign students. In 1970 there were some 145,000 foreign students in the United States (as against 53,000 in 1960), which represents nearly 25% of the world total. Canadian universities received 7,300 foreigners in 1960 and over 22,000 in 1970. It should however be noted that, particularly in the United States, such students represent only a small fraction of the total enrolment in higher education.

The number of students abroad has been shown by Unesco surveys to be relatively high in the case of Canada: at over 15,000 in 1970, as against 8,300 in 1962. Although higher in absolute terms, the number of United States students abroad — 19,000 in 1970 — is low in relation to the total national enrolment.

Particulars of the age structure of students during the decade are not available for Canada. In the United States the age distribution of undergraduates in 1970 was as follows:

Under 20 years: 45.5%  
20 to 24 years: 42.5%  
25 years and over: 12.0%

It will be seen that the percentage of students under twenty years old is very high, access to higher education being available at very early ages. The percentages corresponding to the two subsequent groups would be a little higher if account had been taken of post-graduate students.

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

It was not possible to obtain particulars in respect of these two countries concerning distribution of the total student population by field of study. In Canada the only data available refer to full-time students enrolled in universities and equivalent institutions. For the United States it is only possible to provide a breakdown by field of study in respect of post-graduate students, namely, those enrolled in courses leading to a higher degree (master's and doctor's degrees). Since the statistics are not comparable, they have been presented separately for Canada in Table 3 and for the United States in Table 4. The subsequent observations cannot be generalized to apply to all students and are therefore valid only in respect of the categories of students defined above.

In 1970 in Canada, 41% of full-time university students were reading humanities. However, as Table 2 shows, the rate of growth in this field of study has greatly diminished since 1965. This tailing-off is also very marked in the natural sciences with an annual growth of 9.4% between 1965 and 1970, as against 25.6% in the previous period. The proportion of medical students dropped between 1960 and 1970. The same is true of engineering, though the growth rate here was higher between 1965 and 1970 than for the previous five years. The increase in the number of social science students proceeded at the same pace during the two periods in question, and their proportion in 1970 was 9%.

The proportion of women students is highest in education (55%), medical sciences (47%), fine arts (46%) and humanities (43%).

In the United States (Table 4) most post-graduate students are in education (31%) and social sciences (24%).

Table 3 — Canada: Full-time students enrolled in universities and equivalent institutions

	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Distribution (%)	1960	40	10	1	2	8	8	13	8	3
Répartition en %	1965	45	12	1	2	7	14	9	7	2
	1970	41	14	2	2	9	15	9	6	2
Average annual rates of growth of enrolment (%)	1960-70	10.3	13.7	19.5	11.6	11.3	17.2	5.6	7.5	6.4
	1960-65	15.1	16.3	15.7	10.7	11.2	25.6	3.7	9.1	8.5
Taux moyens d'accrois- sement annuel (en %)	1965-70	5.6	11.1	23.4	12.4	11.4	9.4	7.5	5.9	4.4
Percentage of female students	1965	37	54	38	6	24	18	1	45	6
Taux de participation féminine (%)	1970	43	55	46	13	27	22	1	47	10

**Table 4 — United States of America: Students enrolled on courses leading to a higher degree (master's and doctor's degrees)**

	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Distribution (%)	1960	12	30	3	1	21	16	12	2	1
Répartition en %	1965	14	28	4	.	24	16	11	2	1
	1970	14	31	4	.	24	13	8	2	1
Average annual rates of growth of enrolment (%)	1960-70	11.1	10.4	13.3	4.4	11.4	7.4	5.9	9.3	7.0
Taux moyens d'accrois- sement annuel (en %)	1960-65	14.2	9.6	13.9	8.3	13.5	10.1	9.4	8.8	7.8
	1965-70	8.2	11.1	12.7	0.5	9.4	4.8	2.4	9.8	6.1

Except in the case of education and medical sciences, all growth rates between 1965 and 1970 are lower than in the previous period. This difference is particularly marked in natural sciences and in engineering. It will also be seen that the proportion of students in these two fields of study has slightly diminished.

### III. GRADUATES

As already indicated, graduates are divided into three "stages of diploma", i.e. levels of qualification obtained:

*Stage A:* Diplomas and certificates not equivalent to a first university degree

*Stage B:* First university degrees or equivalent

*Stage C:* Degrees awarded to persons already possessing a first university degree or equivalent.

Unlike the situation mentioned with regard to statistics on student enrolment, data concerning the distribution of all graduates by field of study are available for both countries. It must be pointed out, however, that Stage A diplomas in the United States, consisting mainly of associate degrees, cannot be broken down by subject. Furthermore, they are taken into consideration only as of 1965. Stage A diplomas are not included in the Canadian statistics but the data now available reveal that there were some 8,000 in 1971, including over 65% in education.

Table 5 gives the growth rates in the number of graduates according to the stage of diploma obtained. It will be seen that the rate for Stage B degrees increased markedly in the United States as from 1965, while in the case of Stage C the growth rate slowed down slightly. A converse trend in Canada will be noted on comparison of the two periods 1960-65 and 1965-70.

The distribution of graduates by field of study is given in Table 6. With regard to Stage B degrees, the proportion of humanities is over 40% in Canada. On the other hand, the highest percentage in the United States occurs in the social sciences (30% in 1970). The main fields of study which have grown in relative importance between 1960

and 1970 in Canada are education (from 13 to 23%) and the natural sciences (from 8 to 12%), while in the United States a notable advance has occurred in the humanities (21% in 1970 as against 11% in 1960). The proportion of engineering and medical graduates is decreasing in both countries. In the United States this decline also concerns the natural sciences.

In the United States, Stage C degrees account for a very high proportion of the total in "education" (36% in 1970) and in the social sciences (21% in 1970). In this country, the proportion of Stage C degrees in the humanities doubled in the course of the decade, from 8% in 1960 to 16% in 1970, while the share of the natural sciences and engineering constantly declined.

In Canada the social sciences accounted for 29% of the Stage C degrees awarded in 1970, but it was the share of "education" that increased the most (15% in 1970 as against 9% in 1960). On the other hand, there was a fairly marked drop in the relative importance of the humanities and the natural sciences.

Table 7 gives the proportion of women graduates and it can be seen that, in the aggregate, it is higher at Stage B than at Stage C. In Canada this proportion has greatly increased among Stage B graduates (38% in 1970 as against 26% in 1960), while in the United States the biggest advance in this respect was at Stage C (37% in 1970 as against 29% in 1960).

This table also shows that the proportion of women among Stage B graduates is, in relation to the other fields

**Table 5 — Average annual growth rates in the number of graduates, as a percentage**

		Level A Niveau A	Level B Niveau B	Level C Niveau C
Canada	1960-70		13.1	16.4
	1960-65		13.9	15.8
	1965-70		12.3	17.0
United States of America Etats-Unis d'Amérique	1960-70		8.1	11.5
	1960-65		6.6	12.1
	1965-70	11.0	9.8	10.8

of study, higher in humanities, education, fine arts and medical sciences. In both countries it has chiefly advanced in medical sciences, though in Canada the increase is also considerable in humanities and in education. The propor-

tion of women graduates in the social sciences and natural sciences is under 30% but will be observed to have increased in the latter field of study. The same remarks apply to Stage C degrees.

**Table 6 — Distribution of graduates by field of study, as a percentage**

	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
<b>Degrees at level B</b>										
<b>Diplômes de niveau B</b>										
Canada	1960	42	13	1	4	8	8	12	10	2
	1965	47	18	1	2	7	10	6	8	2
	1970	43	23	1	3	6	12	6	5	1
United States of America Etats-Unis d'Amérique	1960	11	19	5	2	33	12	9	6	1
	1965	21	21	4	2	25	12	6	5	1
	1970	21	20	4	2	30	9	6	4	2
<b>Degrees at level C</b>										
<b>Diplômes de niveau C</b>										
Canada	1960	24	9	1	1	26	21	10	6	2
	1965	22	11	.	.	26	21	11	6	2
	1970	18	15	1	1	29	17	11	5	2
United States of America Etats-Unis d'Amérique	1960	8	37	6	1	19	14	10	2	2
	1965	16	34	4	.	19	12	10	2	1
	1970	16	36	4	.	21	10	8	2	1

**Table 7 — Proportion of women graduates, as a percentage**

Country/Pays	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
<b>Diplômes de niveau B</b>											
Canada	1960	26	33	38	46	5	25	18	.	29	3
	1965	33	38	46	38	6	23	17	1	38	5
	1970	38	43	53	44	9	24	22	1	49	7
United States of America Etats-Unis d'Amérique	1960	36	50	73	53	3	28	22	.	38	1
	1965	40	49	75	51	4	25	26	.	45	3
	1970	42	51	74	52	7	28	28	1	52	5
<b>Diplômes de niveau C</b>											
Canada	1960	15	24	18	61	23	15	10	2	10	2
	1965	17	26	22	60	—	18	11	1	19	12
	1970	20	36	27	41	11	19	12	1	27	6
United States of America Etats-Unis d'Amérique	1960	29	40	44	34	5	22	13	.	40	2
	1965	31	44	47	40	5	19	16	1	41	4
	1970	37	50	54	30	5	20	20	1	52	5



## I. NUMBERS OF STUDENTS ENROLLED

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## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

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## III. GRADUATES

1. Trends in the total number of graduates
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### EXPLANATORY NOTE

1. No statistics are available for the People's Republic of China, the Democratic People's Republic of Korea or the Democratic Republic of Viet-Nam.
2. The following symbols are used in the graphs:

AFG	Afghanistan	IRQ	Iraq	LAO	Laos	SAU	Saudi Arabia
BAH	Bahrain	ISR	Israel	LEB	Lebanon	SIN	Singapore
BUR	Burma	JAP	Japan	MAL	West Malaysia	SRI	Sri Lanka
HKG	Hong Kong	JOR	Jordan	MON	Mongolia	SYR	Syria
IND	India	KMR	Khmer Republic	NEP	Nepal	THA	Thailand
INS	Indonesia	KOR	Republic of Korea	PAK	Pakistan	TUR	Turkey
IRA	Iran	KWT	Kuwait	PHI	Philippines	VIE	Republic of Viet-Nam

## I. NUMBERS OF STUDENTS ENROLLED

## 1. Trends in enrolment

During the decade, the growth in numbers of students enrolled in higher education was particularly rapid in Asian countries. As Table 1 shows, the average growth rate between 1960 and 1970 exceeded 15% per annum in 8 countries; it varied between 10 and 15% in 10 countries and between 5 and 10% in 6. Only in Mongolia can any stabilization in the number of students be seen. Table 2 indicates the rates established between 1950 and 1960 for a number of countries and it will be noticed that, in general, they were considerable during that decade as well.

In some countries (Afghanistan, Burma, Hong Kong, India, Iran, Japan, Laos, Nepal and Turkey) the growth in enrolment was, in comparison with the 1960-65 period, more rapid between 1965 and 1970. This acceleration is very marked in Laos, Burma, Nepal and Hong Kong. On the other hand a decline in the growth rate can be seen in all the other countries from 1965 onwards. In certain countries such as Mongolia and Sri Lanka there is even a decrease, in absolute terms, in student numbers. Admittedly in Saudi Arabia and Lebanon, for example, the growth rate remains high (over 16% per annum) in spite of the falling away in comparison with the 1960-65 period. In other countries such as Syria, the Khmer Republic, the Philippines, Israel, Iraq and Indonesia, the rate has noticeably decreased.

Some of these trends can be explained by the differing expansion of the university and non-university sectors of education. In Mongolia the number of university students increased, between 1965 and 1970, by 6.8% per annum whereas the absolute number of students enrolled in non-university institutions dropped by almost half. In West Malaysia between 1965 and 1970, the number of students enrolled in teacher training colleges dropped by two thirds. It is obvious that this trend depends largely on the part which the non-university sector plays in the different educational systems. In general this is relatively minor, with the sole exception of Turkey, where enrolment in this sector has in fact expanded to a far greater extent than university student enrolment.

In almost all countries part-time students are not identified in the statistics. Their proportion is known only in Japan where it was approximately 17% in 1970 as against 20% in 1965.

Lastly it should be noted that although higher education institutions were set up in Bahrain and Kuwait in 1966, the annual growth rates of student enrolment in these countries are not shown in Table 1. These rates, which are extremely high (85% in Bahrain and 60% in Kuwait), are accounted for by the recent development of higher education in these two countries.

Cypriot students pursuing higher education studies are largely studying abroad; the case of Cyprus is therefore considered under sub-section 5. In the Yemen Arab Republic and in the People's Democratic Republic of Yemen higher education commenced only in 1970.

Table 1 - Average annual growth rates of enrolment in higher education (as a %)

Country/Pays	1960-70	1960-65	1965-70
Afghanistan	15.8	15.5	16.2
Burma/Birmanie	11.0	7.0	15.2
Hong-Kong	11.8	4.7	19.0
India/Inde	12.0	10.3	13.8
Indonesia/Indonésie	15.8	19.5	11.1
Iran	9.3	8.4	10.3
Iraq/Irak	13.2	18.3	8.4
Israel/Israël	12.8	18.1	7.8
Japan/Japon	8.7	8.4	9.0
Jordan/Jordanie	16.5	26.6	7.2
Khmer Republic/République khmère	17.3	31.0	9.3
Republic of Korea/République de Corée	7.4	7.5	7.3
Laos	14.1	7.3	21.4
Lebanon/Liban	19.5	26.0	16.0
Malaysia/Malaisie	7.7	9.5	5.9
Mongolia/Mongolie	0	3.0	-3.0
Nepal/Népal	15.5	11.8	21.0
Pakistan	11.2	12.2	10.0
Philippines	8.6	11.9	4.7
Saudi Arabia/Arabie saoudite	20.6	22.7	18.6
Singapore/Singapour	5.0	11.7	-0.1
Republic of Sri Lanka/République du Sri Lanka	10.1	24.9	-3.0
Syrian Arab Republic/République arabe syrienne	10.9	17.8	4.4
Thailand/Thaïlande	2.0	-4.4	8.7
Turkey/Turquie	10.0	8.3	11.8
Republic of Viet-Nam/République du Viêt-nam	16.2	18.0	14.1

NOTES - Jordan: From 1967 data refer to the east bank only  
 Iran: Growth rates are calculated for university and teacher training college students. Statistics for other non-university institutions are available only from 1967 onwards  
 Pakistan: Statistics refer to the 1960-1969 period and it has not been possible to separate them from data for Bangladesh.

Table 2 - Average annual growth rates of enrolment in higher education, 1950-1960 (as %)

Country/Pays	1950-60	1950-55	1955-60
Afghanistan	16.1	15.0	17.2
Burma/Birmanie			14.3
India/Inde	9.4	10.8	8.0
Indonesia/Indonésie	22.0	34.0	10.6
Iran	13.7	12.9	14.4
Iraq/Irak	9.8	2.5	17.7
Israel/Israël	11.9	14.9	8.9
Japan/Japon	6.2	7.0	5.3
Republic of Korea/République de Corée	10.5	16.7	4.7
Pakistan	7.9	4.6	11.2
Philippines	4.0	0.1	8.2
Syrian Arab Republic/République arabe syrienne	17.6	13.6	22.0
Thailand/Thaïlande	5.1	2.6	7.6
Turkey/Turquie	10.2	8.4	11.9

## 2. Number of students and total population

The number of students per 10,000 inhabitants varies a great deal in Asia from one country to another. In Figure 1 and Table 3 four groups of countries can be distinguished in this respect:

- (a) Three countries (Israel, Japan and the Philippines) stand out clearly from all the rest by reason of their high ratio: over 170 students per 10,000 inhabitants in 1970. This number, moreover, increased considerably between 1960 and 1970;
- (b) In five countries (Syria, Singapore, Republic of

Korea, Hong Kong and Mongolia) the number ranges from 54 to 66 students per 10,000 inhabitants;

- (c) In a third group of countries, the ratio is also fairly low: 48 in Turkey, 44 in Iraq, 38 in Kuwait, 36 in India, 29 in Pakistan, 27 in the Republic of Viet-Nam and 26 in Iran. In these countries, however, it will be seen that the ratio has at least doubled during the decade;
- (e) The ratio is very low (under 20) in the other countries: Indonesia, Jordan, Bangladesh, Malaysia, Burma, Nepal, Lebanon, Thailand, Kmer Republic, Saudi Arabia, Sri Lanka, Afghanistan and Laos.

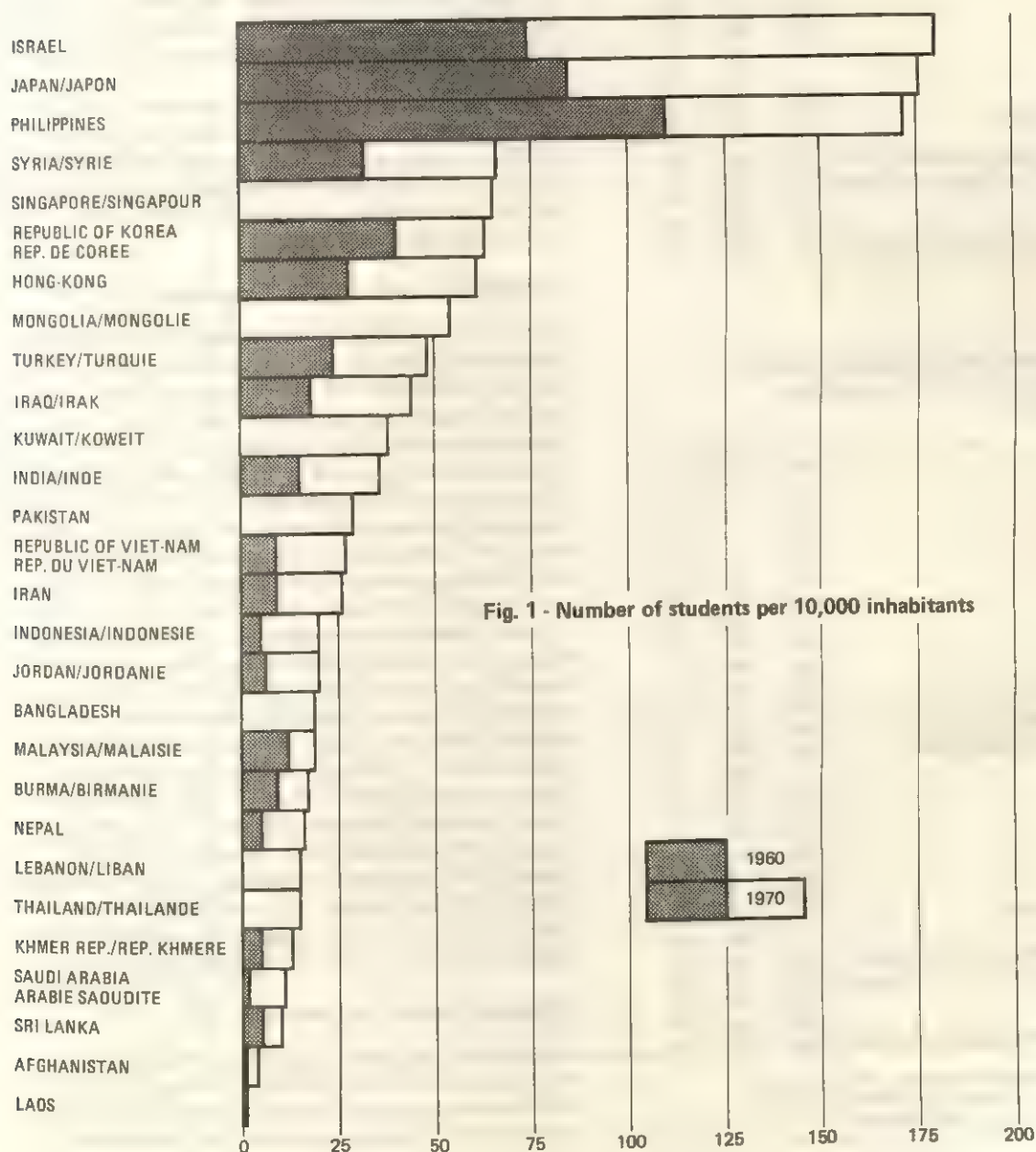




Table 3 - Number of students per 10,000 inhabitants

Country/Pays	1960	1965	1970
Afghanistan	1	2	4
Bangladesh	...	...	19
Burma/Birmanie	9	11	17
Hong-Kong	28	29	61
India/Inde	15	22	36
Indonesia/Indonésie	5	13	20
Iran	9	12	26
Iraq/Irak	18	35	44
Israel/Israël	74	140	180
Japan/Japon	85	121	176
Jordan/Jordanie	6	17	20
Khmer Republic/République khmère	5	10	13
Republic of Korea/République de Corée	40	50	63
Kuwait/Koweït	—	8	38
Laos	1	1	1
Lebanon/Liban	...	9	15
Malaysia/Malaisie	12	16	19
Mongolia/Mongolie	72	73	54
Nepal/Népal	5	8	16
Pakistan	...	...	29
Philippines	110	163	172
Saudi Arabia/Arabie saoudite	2	5	11
Singapore/Singapour	...	74	65
Republic of Sri Lanka/République du Sri Lanka	5	13	10
Syrian Arab Republic/République arabe syrienne	32	62	66
Thailand/Thaïlande	...	10	15
Turkey/Turquie	24	31	48
Republic of Viet-Nam/République du Viêt-nam	9	18	27

Table 4 — Student population as a percentage of the total population in the 20 to 24 year age-group (enrolment ratio)

Country/Pays	1960	1965	1970
Afghanistan	0.1	0.3	0.5
Burma/Birmanie	1.0	1.3	2.2
Hong-Kong	4.4	5.3	6.6
India/Inde	1.7	2.7	4.3
Indonesia/Indonésie	0.6	1.5	2.2
Iran	1.2	1.6	3.1
Iraq/Irak	2.0	4.0	5.0
Israel/Israël	10.1	19.9	19.3
Japan/Japon	9.5	13.0	17.1
Jordan/Jordanie	0.6	1.8	2.2
Khmer Republic/République khmère	0.6	1.2	1.5
Republic of Korea/République de Corée	4.7	6.2	7.5
Kuwait/Koweït	—	0.6	2.4
Laos	0.1	0.1	0.2
Lebanon/Liban	...	1.0	1.7
Malaysia/Malaisie	1.5	1.9	2.0
Mongolia/Mongolie	8.2	8.3	6.1
Nepal/Népal	0.6	1.1	1.9
Philippines	12.9	19.0	19.7
Saudi Arabia/Arabie saoudite	0.2	0.6	1.3
Singapore/Singapour	...	9.7	8.2
Republic of Sri Lanka/République du Sri Lanka	0.6	1.5	1.1
Syrian Arab Republic/République arabe syrienne	3.7	7.7	8.0
Thailand/Thaïlande	...	1.3	1.9
Turkey/Turquie	2.9	4.4	5.6
Republic of Viet-Nam/République du Viêt-nam	0.9	1.9	3.6

NOTE — It has not been possible to calculate this ratio separately for Bangladesh and Pakistan. In 1969 the ratio stood at 3.9% for the two countries combined.

### 3. Number of students in relation to the total population in the 20 to 24 year age-group (enrolment ratio)

As in the case of the preceding indicator, the disparities between Asian countries are fairly considerable in regard to the enrolment ratio as it has been defined. Although this ratio remains under 8.5% in all countries with the exception of the Philippines (19.7%), Israel (19.3%) and Japan (17.1%) its development since 1960 cannot be ignored (see Table 4 and Figure 2). Whereas in 1960 there were 16 countries where the enrolment ratio was under 2%, there were only 8 such countries in 1970. Thus in India, it more than doubled during the decade, rising from 1.7% in 1960 to 4.3% in 1970; in other terms, the number of students rose from 645,000 in 1960 to slightly over two million in 1970.

It more than doubled in many other countries as well, including Syria, Iraq, the Republic of Viet-Nam and Iran. In Turkey the increase was of the same order: 5.5% in 1970 as against 2.9% in 1960.

It should also be noted that the enrolment ratio has increased considerably in the three countries where it was already fairly high in 1960: the Philippines, Israel and Japan. It seems therefore that from this point of view the gap separating these countries from others in Asia has continued to widen.

### 4. Distribution of the student population by sex

In 1970 the proportion of women students in higher education varied from country to country ranging from 8.0% in Saudi Arabia to 55% in the Philippines (Table 5). In the latter country women students have, since 1960, been in the majority. The proportion exceeds 40% in 5 countries (Philippines, Kuwait, Sri Lanka, Israel and Thailand) and it will be seen that in two of them, Sri Lanka and Thailand, it has made very marked progress since 1960; in Burma it is now close on 40%. In 13 countries the proportion of women students ranges from 20 to 30% and it is still under 20% in 8 countries.

Table 5 also shows the enrolment ratio calculated separately for men and women. In the Philippines and Kuwait this ratio is higher for women than for men. In Israel, Sri Lanka and Thailand, differences between the two enrolment ratios are not now very significant. In the other countries — although the disparities have lessened during the period under review — enrolment is still extremely unequal as regards the sexes. In Japan for example, the enrolment ratio for men is 24.4% as against 9.7% for women; in Syria it is 12.6% compared with 3%; in the Republic of Korea 10.9% as against 3.8%; in Turkey 8.6% as against 2.3%; in Iraq 7.6% as against 2.3% and in India 6.3% compared with 2%.

### 5. Foreign students and enrolment ratio

According to the survey conducted by the Unesco Office of Statistics, the number of foreign students in Asia represented, in 1970, approximately 15% of the world total. In Lebanon over half the total number of

Fig. 2 - Student population as a percentage of total population in the 20 to 24 year age group

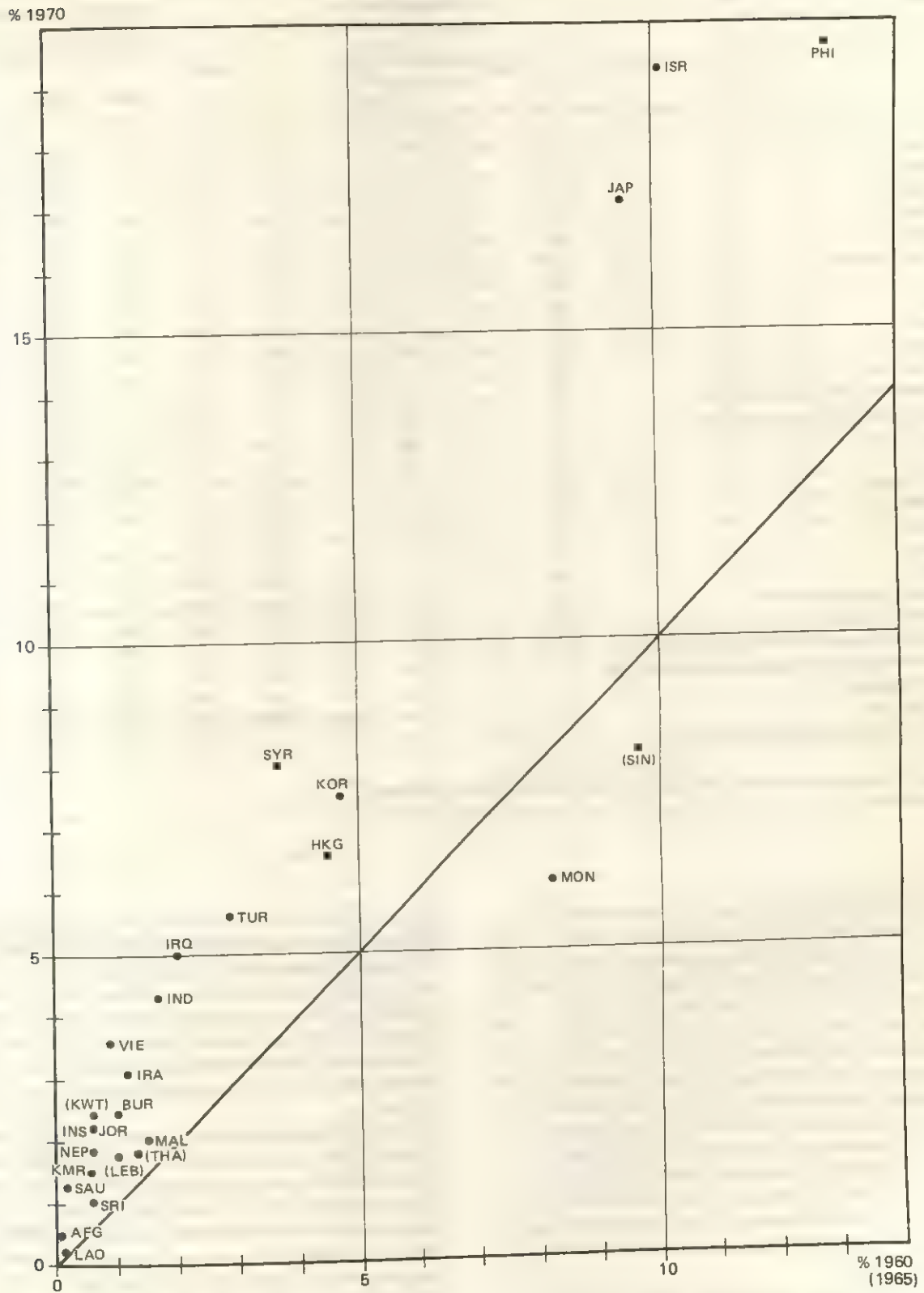


Table 5 - Male (M) and female (F) enrolment ratios<sup>1</sup> and percentage of women among the student population

Country/Pays	Enrolment ratio(%) Rapport de scolarisation (%)						Female students as percentage of total enrolment % de femmes parmi les effectifs		
	1960		1965		1970		1960	1965	1970
	M	F	M	F	M	F			
Afghanistan	0.2	0.0	0.4	0.1	0.8	0.2	9	19	15
Bangladesh	...	...	...	...	...	...	...	...	10
Burma/Birmanie	...	...	1.5	0.7	2.8	1.7	...	32	37
Hong-Kong	4.8	3.9	6.1	4.4	8.8	4.2	40	39	30
India/Inde	2.8	0.6	4.2	1.1	6.3	2.2	17	21	24
Indonesia/Indonésie	1.0	0.3	2.3	0.7	3.3	1.1	19	25	25
Iran	2.3	0.5	2.3	0.7	4.5	1.6	17	24	26
Iraq/Irak	3.0	0.9	5.7	2.2	7.6	2.3	23	27	22
Israel/Israël	12.4	7.6	23.7	15.9	21.5	16.9	36	39	42
Japan/Japon	15.3	3.9	19.8	6.3	24.4	9.7	21	25	28
Jordan/Jordanie	0.9	0.3	2.4	1.2	2.9	1.4	24	32	30
Khmer Republic/République khmère	...	...	...	...	...	...	...	...	21
Republic of Korea/République de Corée	7.8	1.6	8.9	3.2	10.9	3.8	17	25	24
Kuwait/Koweït	—	—	0.6	0.1	1.9	3.4	—	42	48
Laos	0.1	0.0	0.1	0.0	0.3	0.1	12	16	19
Lebanon/Liban	...	...	...	...	...	...	23	18	23
Malaysia/Malaisie	1.9	1.0	2.5	1.3	2.8	1.2	34	34	30
Nepal/Népal	...	...	1.8	0.4	2.9	0.7	...	17	18
Pakistan	...	...	...	...	...	...	...	...	19
Philippines	12.4	13.4	17.4	20.7	17.5	22.0	51	54	55
Saudi Arabia/Arabie saoudite	0.5	—	1.2	0.0	2.2	0.2	—	3	8
Singapore/Singapour	9.3	3.0	12.1	7.2	11.2	5.1	23	36	30
Republic of Sri Lanka/République du Sri Lanka	0.9	0.3	2.1	1.0	1.2	1.0	24	32	43
Syrian Arab Republic/République arabe syrienne	6.0	1.3	12.4	2.7	12.6	3.0	17	17	18
Thailand/Thaïlande	...	...	1.6	1.1	2.2	1.6	30	34	42
Turkey/Turquie	4.5	1.2	6.4	2.0	8.6	2.3	20	21	19
Republic of Viet-Nam/République du Viêt-nam	1.5	0.3	2.9	1.0	5.1	2.1	17	24	29

1. Number of students in relation to the population in the 20 to 24 year age-group

students are foreigners and, from this point of view, it is the principal country in which foreign students are enrolled. The percentage of foreign students in the student population is also high in Kuwait (24%), Syria (20%), Saudi Arabia (16.5%) and Singapore (14%). Iraq (8%) and Turkey (4%), where the numbers of foreign students are increasing in relative importance, should also be added to this group. In the majority of other countries this percentage is fairly low although, in absolute terms, certain countries such as Japan and India have a considerable foreign student enrolment.

Attention should be drawn to the fact, furthermore, that a large number of nationals of certain countries study abroad. This is particularly the case with Cyprus and Jordan whose students are practically all studying abroad.

The effect of these two factors — foreign students and students abroad — may thus be fairly significant in the

calculation of the enrolment ratio. This has been calculated in Table 6 in three different ways: the first column gives the total enrolment (national plus foreign students) in each country; the second column shows only national enrolled in their own countries; and the third column shows the total number of national students, including those abroad. The countries where the differences between the three ratios were minimal are not shown in the table.

In countries where the proportion of foreign students is high (Lebanon, Kuwait and Syria), the ratio calculated by taking into account only national students differs fairly noticeably from the overall ratio. The size of the student-population enrolled abroad has a considerable effect in the case of Cyprus and Jordan. This effect is also felt, but to a lesser extent, in Malaysia, Mongolia and Jordan. This effect is also felt, but to a lesser extent, in Malaysia, Mongolia and Hong Kong.



**Table 6 - Student population as a percentage of the total population in the 20 to 24 year age**

Country/Pays	National and foreign students enrolled in the country <sup>1</sup> Effectifs nationaux et étrangers dans le pays <sup>1</sup>		National students enrolled in the country <sup>1</sup> Effectifs nationaux dans le pays <sup>1</sup>		National students enrolled in the country and abroad <sup>1</sup> Effectifs nationaux dans le pays et à l'étranger <sup>1</sup>	
	1965	1970	1965	1970	1965	1970
Cyprus/Chypre	0.6	1.2	0.6	1.2	6.3	15.3
Hong-Kong	5.3	6.6	5.3	6.6	8.1	8.1
Iran	1.6	3.1	1.6	3.1	2.1	3.6
Iraq/Irak	4.0	5.0	3.8	4.6	4.4	5.1
Israel/Israël	19.9	19.3	19.4	18.2	20.9	20.1
Jordan/Jordanie	1.8	2.2	1.8	2.2	11.5	14.3
Kuwait/Koweït	0.6	2.4	0.6	1.8	2.5	2.6
Laos	0.1	0.2	0.1	0.2	0.2	0.4
Lebanon/Liban	1.0	1.7	0.5	0.8	0.6	1.0
Malaysia/Malaisie	1.9	2.0	1.9	2.0	3.1	3.2
Mongolia/Mongolie	8.3	6.1	8.3	6.1	10.7	7.3
Saudi Arabia/Arabie saoudite	0.6	1.3	0.6	1.1	0.8	1.4
Singapore/Singapour	9.7	8.2	8.1	7.1	9.1	8.2
Syrian Arab Republic/Rép. arabe syrienne	7.7	8.0	5.9	6.4	7.7	8.9
Thailand/Thaïlande	1.3	1.9	1.3	1.9	1.5	2.2
Turkey/Turquie	4.4	5.6	4.2	5.4	4.4	5.6
Republic of Viet-Nam/Rép. du Viêt-nam	1.9	3.6	1.9	3.6	2.2	4.0

1. In relation to the total population in the 20 to 24 year age-group

**Table 7 - Distribution of student population by age (%)**

Country/Pays	Year Année	under 20 years moins de 20 ans	20-24 years 20-24 ans	25-29 years 25-29 ans	30 years and over 30 ans et plus
Afghanistan	1967	43.0	55.7	1.3	—
	1970	46.7		53.3	—
India/Inde (Professional education)	1960	39.6	46.4	10.4	3.5
	1967	51.0	39.8		9.1
Iran	1969	14.2	55.7	18.5	11.6
	1970	54.4	45.2	0.4	—
Jordan/Jordanie	1966	22.9	66.2	9.9	1.0
	1970	21.2	68.1	8.4	2.3
Republic of Korea/République de Corée	1970	30.8	57.5	7.8	3.8
	1966	84.9		15.1	
Malaysia/Malaisie	1970	45.4		54.6	
	1968	18.4	60.1	17.7	3.7
Turkey/Turquie	1970	14.4	63.6	19.1	2.9

## 6. Distribution of student population by age

Data on the age structure of the student population were available only for 8 countries in Asia (see Table 7). In relating the number of students to the total population in the 20 to 24 year age-group, the diversity of this structure is not taken into account. It has been established, for example, that the proportion of students under 20 years of age is not the same in these eight countries. Moreover, the variation in this structure over the years in a single country may have an important bearing on calculation of enrolment ratios by age. For example, the structure has changed considerably in Malaysia although this can be explained by the rapid decrease in the number of students receiving short-term training in teacher training institutions.

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

Tables 8 and 9 show, respectively, the average annual growth rates and the distribution of students by field of study. The analysis of trends in each field of study in the various countries under review has been prepared on the basis of these two tables.

It should be noted that the growth rates calculated for some fields of study refer to a fairly small number of students and, for this reason, only rates which appear to be significant are taken into account in the analysis. Furthermore data are not available in all countries for all the years considered. For example, in Iran data are available only from 1965 onwards and are not comparable with those for 1970; in Thailand, following the re-organization of higher education, statistics for the 1965-70 period are not comparable with those for 1960-65; for Bangladesh and Pakistan the data refer to 1970 only, as the distinction between the two countries could not be made in statistics available for preceding years; as far as India is concerned, the period considered is from 1960 to 1967.

Several graphs have been prepared on the basis of Table 9 and reference should therefore be made to this Table for all the notes concerning the data used.

### 1. Humanities, education and fine arts

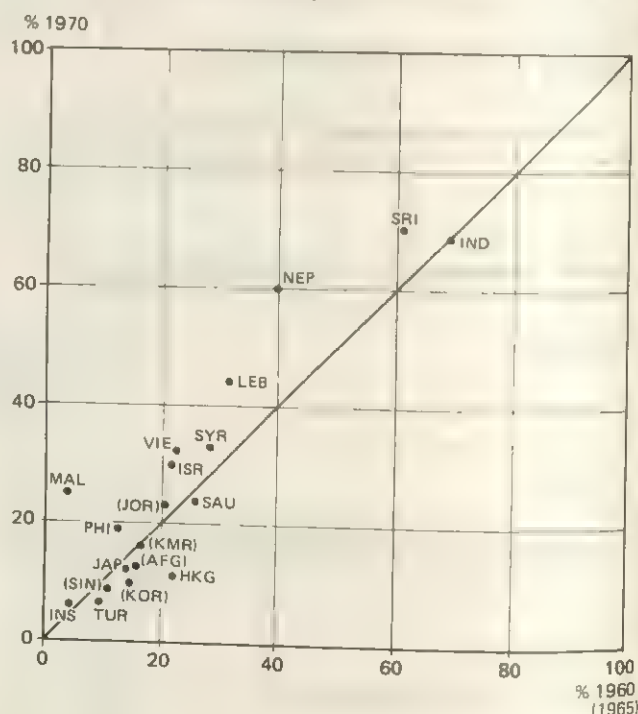
In India, the Philippines and Sri Lanka, the classification by field of study does not correspond entirely with the system used in this study. In India students enrolled in humanities, natural sciences and in most of the subjects under the head of social sciences are shown together and constitute about 70% of the total student population (Table 9 and Fig. 3). This percentage has remained stable since 1960 and it is not possible at the present time to ascertain trends in each of these three fields of study. In the Philippines, humanities and natural sciences, classified together, represent 19% of the total number of students in 1969 as against 13% in 1960. In Sri Lanka, available statistics do not distinguish the humanities from "education" (teacher training) and the social sciences. How-

ever, it can be noted that the percentage of students enrolled in these three fields of study reached 70% in 1970 as against 61% in 1960.

The percentage of students in humanities is very high (over 40%) particularly in Bangladesh, Burma, Lebanon, Nepal and Pakistan. As Figure 3 shows, this proportion has increased noticeably in Malaysia (25% in 1970 as against 4% in 1960), Nepal and Lebanon. Beginning in 1965, however, a decline (in some cases a considerable decline) can be seen in the growth rate of these enrolments (Table 8). Thus in Syria, the very rapid growth rate between 1960 and 1965 (27.6% per annum) meant that the proportion of students in this category rose from 29% in 1960 to 43% in 1965; in 1970 it is no more than 33%, as a result of a drop in the number of these students between 1965 and 1970.

In general the proportion of students in "education" (teacher training) dropped or remained stable in 1970 compared with 1960 or 1965. A decrease is particularly noticeable in countries where the figure was fairly high in 1960 or 1965 (see Figure 4).

Fig. 3 - Humanities - Percentage of students



In West Malaysia, 85% of students enrolled in 1960 were studying with a view to taking up a teaching career; in 1970, this percentage had dropped to 20%. In other countries, such as the Philippines, although this proportion is higher in 1970 than in 1960, a drop can be seen between 1965 and 1970. This is also revealed in Table 8 where the growth rate of enrolment in this category, which had been 30% per annum between 1960 and 1965 in the Philippines, was -4.5% between 1960 and 1969.

**Table 8 — Average annual growth rates of enrolment by field of study (as a %)**

Country/Pays	Period Période	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1965-70	10.9	26.6	—	9.7	3.5	11.6	25.6	13.9	39.2
Hong-Kong	1961-70	9.8	7.7	16.7	—	27.0	12.6	25.0	7.5	—
	1961-66	10.7	18.0	7.6	—	16.0	15.0	11.3	8.2	—
	1966-70	10.7	0.6	47.0	—	41.0	14.9	48.0	8.3	—
India/Inde	1960-67	11.6 <sup>1</sup>	10.8	...	7.5	17.6 <sup>2</sup>	... <sup>1</sup>	10.6	10.8	10.5
Indonesia/Indonésie	1959-71	15.6	12.6	34.0	8.3	20.0	19.7	29.0	10.8	16.5
Iraq/Irak	1960-70	11.9	—	—	4.8	11.2	33.4	16.0	9.9	14.7
	1960-65	16.5	—	—	6.4	16.9	55.5	24.6	14.9	10.8
	1965-70	7.5	—	—	3.3	5.8	14.4	8.1	5.1	18.8
Israel/Israël	1960-70	16.5	6.3	12.6	9.4	18.2	11.7	11.7	8.0	3.5
	1960-65	20.1	16.6	18.4	18.8	16.8	12.0	12.3	1.5	-0.6
	1965-70	12.9	-3.1	7.2	0.7	19.6	11.3	11.2	14.9	7.8
Japan/Japon	1959-70	8.0	6.4	13.5	—	8.2	5.3	12.5	4.4	6.4
	1959-65	7.9	3.4	11.5	—	8.5	6.4	13.7	5.2	6.0
	1965-70	9.2	15.6	17.2	—	7.8	3.9	11.0	3.5	6.8
Khmer Republic République khmère	1965-70	7.7	2.8	9.2	29.4 <sup>3</sup>	-0.5	25.6	-5.3	22.1	—
Republic of Korea République de Corée	1965-70	-1.9	17.8	0.5	-2.4	6.3	6.5	13.1	9.5	3.3
Laos	1965-70	—	30.6	—	—	16.0	—	—	24.3	—
Lebanon/Liban	1962-69	26.0	21.0	—	3.5	36.0	21.0	6.1	4.1	7.3
Malaysia/Malaisie occidentale	1960-70	28.4	-6.9	—	—	—	36.5	11.6	26.8	—
	1960-66	32.0	7.3	—	—	—	34.0	8.3	27.0	—
	1966-70	24.0	-25.0	—	—	—	40.0	16.7	26.0	23.0
Nepal/Népal	1965-69	33.0	-2.5	19.3	12.6	10.6	7.1	—	—	—
Philippines	1960-69	13.6 <sup>1</sup>	13.3	6.4	3.8	7.3	... <sup>1</sup>	10.5	-3.6	-1.3
	1960-65	16.2 <sup>1</sup>	30.0	10.9	-0.2	2.5	... <sup>1</sup>	16.3	-8.5	-3.2
	1965-69	10.4 <sup>1</sup>	-4.5	1.1	9.1	13.6	... <sup>1</sup>	3.6	3.0	1.1
Saudi Arabia/Arabie saoudite	1960-70	19.5	—	—	14.6	16.7	25.2	—	26.3	—
	1960-65	25.9	—	—	17.1	14.7	19.3	—	10.5	—
	1965-70	13.4	43.0	—	12.1	18.8	31.3	29.1	44.4	22.7
Singapore/Singapour	1966-71	-2.7	-21.0	7.8	3.6	8.8	-3.7	27.0	-3.9	—
Republic of Sri Lanka	1960-70	9.8 <sup>5</sup>	... <sup>5</sup>	—	13.9	... <sup>5</sup>	9.3	9.1	4.0	29.0
République du Sri Lanka	1960-66	22.0 <sup>5</sup>	... <sup>5</sup>	—	12.3	... <sup>5</sup>	7.8	15.4	9.6	40.0
	1966-70	5.6 <sup>5</sup>	... <sup>5</sup>	—	16.4	... <sup>5</sup>	11.6	0.3	-3.7	12.7
Syrian Arab Republic République arabe syrienne	1960-70	12.4	0.1	—	-0.5	17.1	15.0	23.4	15.5	42.3
	1960-65	27.6	3.0	—	10.3	15.4	14.9	21.3	9.0	60.0
	1965-70	-1.0	-2.8	20.8	-10.3	18.8	15.0	25.6	22.5	26.7
Thailand/Thaïlande	1967-70	12.7	30.0	1.1	4.9	5.7	19.4	27.0	7.9	13.0
Turkey/Turquie	1960-70	6.4	9.1	3.3	—	10.0	11.6	20.1	14.6	2.2
	1960-65	8.5	16.0	-3.3	-1.1	10.5	11.6	11.8	13.3	2.5
	1965-70	4.3	2.6	10.3	1.0	9.5	11.5	29.0	15.9	1.8
Republic of Viet-Nam République du Viêt-nam	1960-69	21.0	8.5	11.7	22.0	30.0	10.4	3.3	8.7	19.1
	1960-65	23.4	0.5	12.4	21.8	42.9	11.2	-2.4	17.2	23.5
	1965-69	16.8	19.3	10.8	21.0	14.0	9.5	10.7	-1.0	13.8

1. Natural sciences are included with humanities.

2. Commerce only - the other social sciences are included with humanities.

3. Law and economics.

4. Enrolment in the social sciences rose from 133 in 1966 to 2,650 in 1970.

5. Education and social sciences are included with humanities.



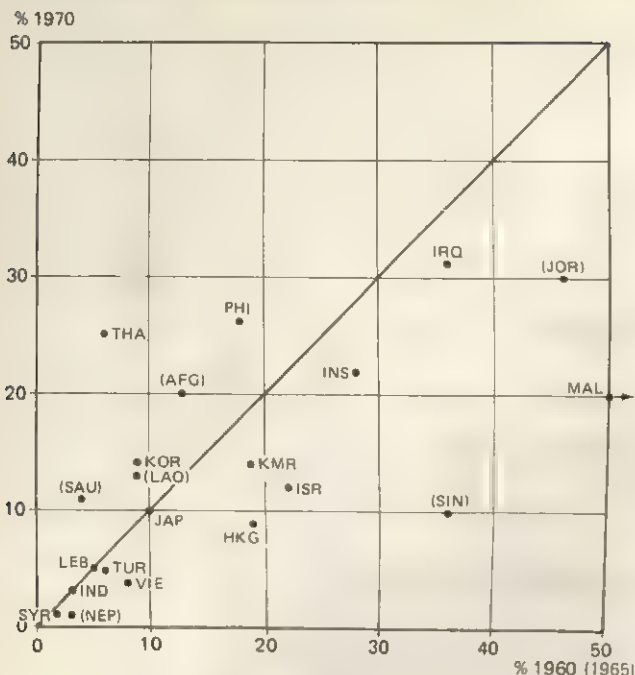
Table 9 — Distribution of students by field of study (as a %)

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1965	16	13	—	15	13	12	8	18	4
	1970	13	20	—	11	7	10	13	16	10
Bangladesh	1970	44	2	—	4	26	17	2	3	1
Burma/Birmanie	1965	40	4	—	1	10	22	9	12	2
Hong-Kong	1961	22	19	2	—	18	14	18	6	—
	1966	19	23	1	—	19	14	16	5	—
	1970	12	9	2	—	35	9	31	3	—
India/Inde	1960	69 <sup>1</sup>	3	—	4	7 <sup>2</sup>	1	7	6	2
	1967	69 <sup>1</sup>	3	—	3	10 <sup>2</sup>	1	7	6	2
Indonesia/Indonésie	1959	5	28	—	19	17	1	4	14	4
	1971	6	22	1	9	28	2	16	9	5
Iran <sup>3</sup>	1965	28	4	3	13	7	7	11	24	3
	1970	20	3	4	3	21	13	19	13	4
Iraq/Irak	1960	36	—	—	15	20	4	9	13	4
	1965	33	—	—	9	19	14	11	11	3
	1970	31	—	1	7	17	18	11	10	5
Israel/Israël	1960	22	22	1	6	13	15	14	5	3
	1965	27	23	1	6	14	13	12	3	1
	1970	30	12	1	4	21	14	13	3	1
	1959	15	10	2	10	35	4	14	6	4
Japan/Japon	1965	14	8	2	—	—	4	18	5	4
	1970	13	10	2	—	—	3	18	3	3
	1966	21	46	—	—	19	6	3	3	3
	1970	23	30	—	—	31	11	—	4	—
Jordan/Jordanie	1965	17	19	8	8 <sup>5</sup>	4	7	29	8	—
	1970	16	14	8	17 <sup>5</sup>	3	15	14	13	—
	1965	15	9	5	5	19	9	19	9	1
	1970	10	14	4	3	18	8	25	10	10
Kuwait/Koweït	1970	21	25	—	6	34	13	—	—	8
Laos	1965	—	9	—	48	—	—	—	—	—
	1970	—	13	—	38	—	—	—	43	—
Lebanon/Liban	1962	32	5	—	29	11	—	—	48	—
	1966	35	5	2	29	11	5	5	9	2
	1966	35	5	2	29	11	5	5	9	2

Malaysia/Malaisie occidentale	1960	4	85	-	-	-	1	5	7	3
	1966	12	70	-	-	-	16	15	11	7
	1970	25	20	1	-	-	24	24	15	4
Nepal/Népal	1965	40	3	1	2	30	22	15	-	-
	1969	60	1	1	1	22	11	16	7	8
Pakistan <sup>6</sup>	1970	43	4	-	5	11	39	1	9	1
Philippines <sup>7</sup>	1960	13 <sup>1</sup>	18	1	4	25	34	10	10	1
	1965	16 <sup>1</sup>	38	1	2	25	34	10	10	1
	1969	19 <sup>1</sup>	26	1	3	26	21	5	1	-
Saudi Arabia/Arabie saoudite	1960	26	-	-	47	15	4	7	7	2
	1965	30	4	-	37	15	4	7	7	2
	1970	24	11	-	28	15	7	11	11	2
Singapore/Singapour	1966	11	37	5	2	12	13	8	8	-
	1971	9	10	7	3	17	10	6	6	-
Republic of Sri Lanka	1960	61 <sup>8</sup>	8	-	1	8	9	17	4	-
République du Sri Lanka	1966	76 <sup>8</sup>	8	-	-	8	16	11	4	1
	1970	70 <sup>8</sup>	8	-	1	8	10	11	5	2
Syrian Arab Republic	1960	29	2	-	43	9	8	6	4	-
République arabe syrienne	1965	43	1	1	31	8	7	4	4	2
	1970	33	1	2	14	15	11	9	4	4
Thailand/Thaïlande <sup>9</sup>	1959	2	6	2	26	46	5	6	4	3
	1965	4	15	2	24	31	4	10	5	5
	1967	6	16	2	8	33	4	13	6	7
	1970	6	25	2	7	27	5	11	8	7
Turkey/Turquie	1960	10	6	2	22	29	5	12	9	6
	1965	10	8	1	14	32	6	14	11	4
	1970	7	5	1	9	29	6	28	13	3
Republic of Viet-Nam	1960	23	8	3	19	3	25	3	15	1
République du Viêt-Nam	1965	29	4	2	22	7	19	1	15	1
	1969	32	4	2	28	7	16	1	8	1

1. Natural sciences are included with humanities.
2. Commerce only; the other social sciences are included with humanities.
3. The data are not comparable since in 1965 the majority of non-university institutions were not yet taken into consideration.
4. Universities and higher teacher training colleges. The other non-university institutions whose enrolments represent 12% of the total have not been taken into consideration.
5. Law and economics.
6. Students enrolled in arts and sciences colleges at the intermediate level representing 53% of the total number of students, are not classified by field of study.
7. Private education: over 90% of total enrolment.
8. Education and social sciences are included with humanities.
9. The period 1959-65 is not strictly comparable with the period 1967-70.

Fig. 4 - "Education" - Percentage of students



The reverse tendency can be seen in India, Japan and the Republic of Viet-Nam where the growth of enrolment in this category was more marked from 1965 onwards.

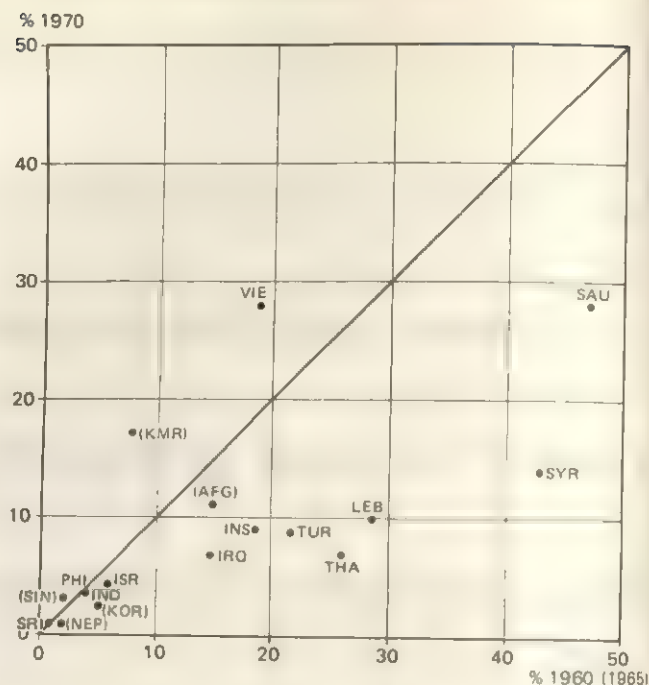
As regards the fine arts, the proportion of students barely exceeds 2% in almost all countries.

## 2. Law and social sciences

The relative importance of law continues to decline in all Asian countries, the only exceptions being the Republic of Viet-Nam (28% in 1969 as against 19% in 1960) and the Khmer Republic for law and economics (17% in 1970 as against 8% in 1965). As Figure 5 shows, the proportion of students in this category is under 5% in many countries, and the same applies to Bangladesh, Iran and Pakistan. The decrease in this percentage has been very marked in Syria (14% in 1970 as against 43% in 1960), Lebanon (10% in 1969 as against 29% in 1962), Turkey (9% in 1970 as against 22% in 1960), Indonesia, Iraq and Saudi Arabia. In Thailand, before the re-organization of higher studies, law represented about 25% of the total number of students; this proportion now stands at 7%.

The proportion of students in social sciences and law is fairly stable in Japan, but is also very high: over 40% in 1970. A stabilization or decrease in this percentage can also be seen in other countries where social science students were strongly represented in 1960 (Philippines and Turkey) or in 1965 (Laos and Nepal). The same tendency is found in Thailand both before the reform of higher education (46% in 1959 and 31% in 1965) and after (33% in 1967 and 27% in 1970). The relative importance of this category appears, thus, to be increasing on the whole in

Fig. 5 - Law - percentage of students



countries where it was not as high in 1960, although in Figure 6 notable exceptions such as Iraq, the Republic of Korea and Saudi Arabia can be identified. It is a fact, nevertheless, that the increase has been clearly marked in Lebanon (27% in 1969 as against 11% in 1962), Indonesia (28% in 1971 as against 17% in 1959), Syria, Israel and Hong Kong and, more recently, Malaysia. Chronological series are not yet available for Bangladesh, Iran and Pakistan but in 1970 the proportion of students in the social sciences in these three countries stood at 26, 21 and 11% respectively.

## 3. Natural sciences

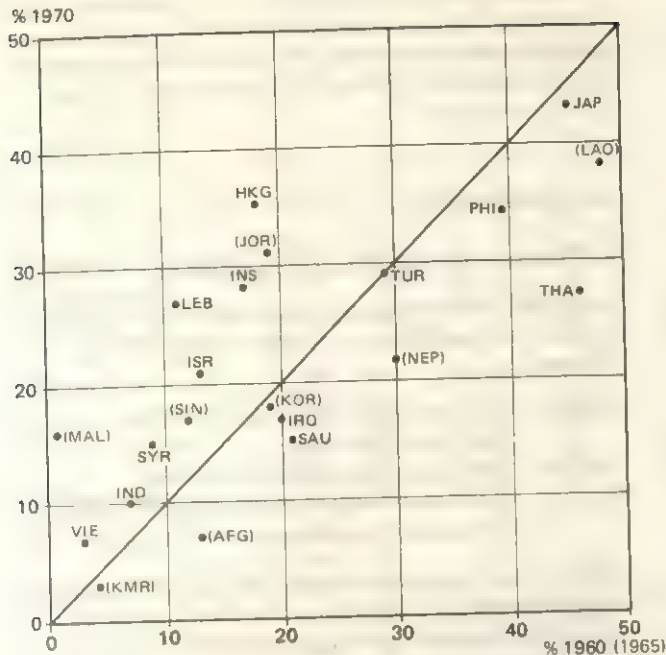
As we have already stated, in India and the Philippines this field of study is included with humanities.

In six countries (Saudi Arabia, Lebanon, Turkey, Thailand, Japan and Indonesia), the natural sciences represent under 7% of the total student population in 1970 (see Figure 7). In 1960 this percentage was also very low in Iraq, Malaysia and Syria but a very distinct increase in these countries is shown when we take 1970 into consideration. In Iraq, for example, it rose from 4% in 1960 to 18% in 1970. The same tendency is evident in the Khmer Republic and Jordan during the 1965-70 period. In Iran the proportion of students in this category almost doubled between 1968 (12%) and 1970 (21%).

Lastly, Figure 7 establishes that the relative importance of this field of study has decreased in the countries where it exceeded 10% of the total student population in 1960 or 1965.



Fig. 6 - Social sciences - Percentage of students



#### 4. Engineering and agriculture

Engineering has been marked by considerable development in the majority of Asian countries, as is shown in the very rapid growth rates in the numbers enrolled in this field in certain countries as, for example, Indonesia, Syria, Thailand and Turkey (Table 8). In Figure 8 we can see the increase in the percentage represented by engineering students. Thus, between 1960 and 1970, this percentage rose from 4 to 16% in Indonesia, from 4 to 11% in Syria, from 12 to 28% in Turkey and from 4 to 8% in Thailand. It is only in the Kmer Republic that this field of study has declined in appreciable fashion: 14% in 1970 as against 29% in 1960. It should, however, be noted that the percentage in the Lebanon and the Republic of Viet-Nam, already very low in 1960, has declined still further other and is now below 2%.

As regards agriculture, the number of students seldom represents more than 5% of the total number, the percentage in many countries standing at 1 or 2% throughout the decade. A considerable increase in the percentage can be seen in Afghanistan (10% in 1970 as against 4% in 1965), Malaysia (7% in 1970 as against 1% in 1960) and Thailand (7% in 1970 as against 3% in 1959), whereas in Turkey it decreased (3% in 1970 as against 6% in 1960). In the Republic of Korea as in Pakistan the proportion of students in this field of study was 8% in 1970.

#### 5. Medical sciences

A decline in the proportion of students enrolled in the medical sciences can be seen in the majority of Asian

Fig. 7 - Natural sciences - Percentage of students

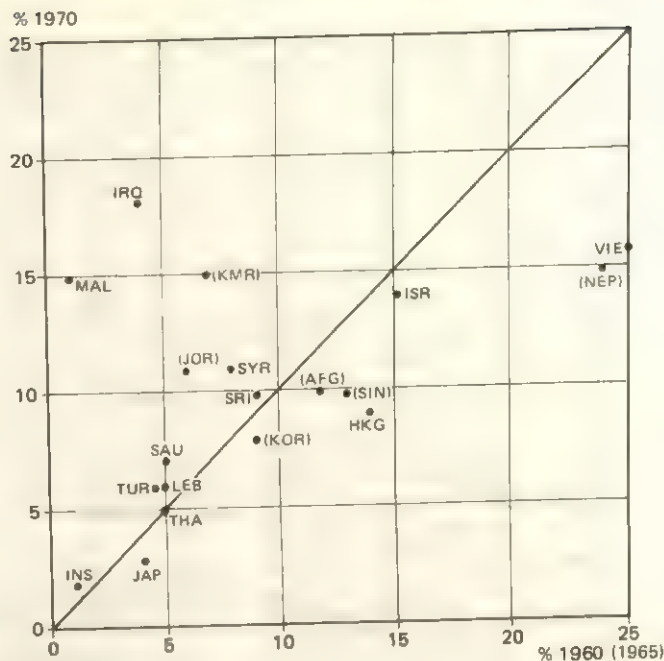
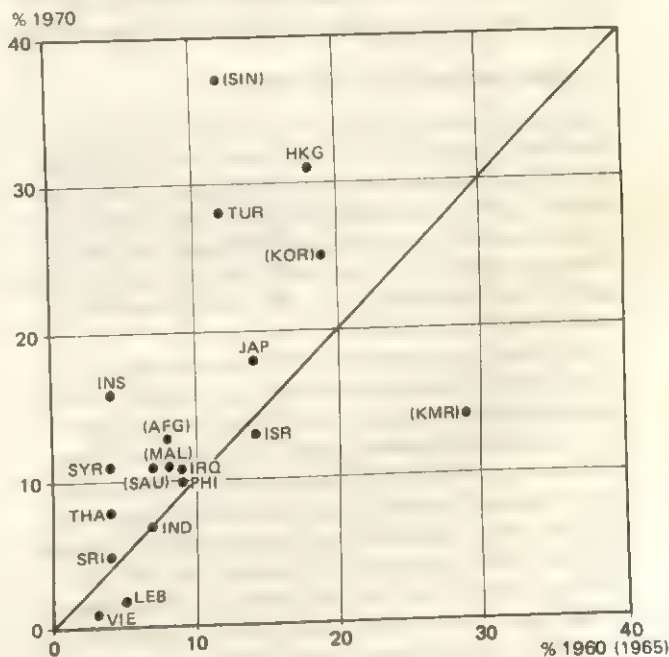
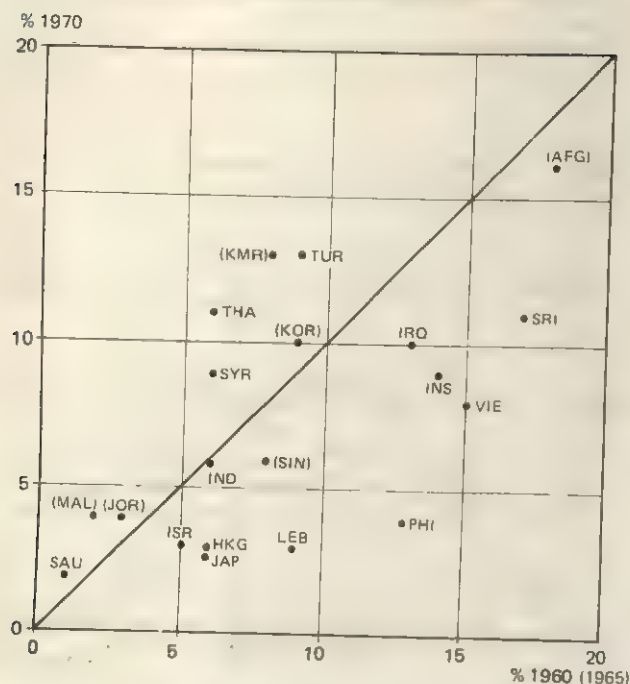


Fig. 8 - Engineering - Percentage of students



countries. In the Lebanon and the Philippines this proportion was reduced by two thirds; in Japan and the Republic of Viet-Nam, by a half (Figure 9). The only significant increase seems to occur in the Kmer Republic (13% in 1970 as against 8% in 1965), Syria and Turkey, as the relative increase in Malaysia, Jordan and Saudi Arabia involves a fairly small number of students - less than 4% of the total student population. The percentage

Fig. 9 - Medical sciences - Percentage of students



in Laos, which is not shown in Figure 9, exceeds 40% but in absolute terms represents only about 200 students.

#### 6. Female students by field of study

Table 10 shows the proportion of women students in each field of study. In section I above it was established that this proportion, calculated in relation to total numbers of students, was extremely low in many countries. It is obvious that the overall rate of female enrolment does not reflect all the profound differences between the sexes in the distribution by fields of study, and this is now revealed in Table 8.

In general the proportion of women among "education" (teacher training) students is much higher than the overall rate. We find, thus, in 1970 that in many countries, such as Bangladesh, Japan, the Republic of Korea, Lebanon and Turkey, the representation of women in the "education" category is at least twice as great as in total enrolment. Humanities also represent a field where this rate is very high: 86% in Thailand, 61% in Japan, 43% in Indonesia and 34% in Turkey. It is interesting to note in this respect that in Japan female enrolment has increased mainly in humanities, "education" and medical sciences. The increase in the proportion of women in the last-mentioned category of studies has also been very marked in the Philippines: 81% in 1969 as against 68% in 1960. In addition to these two countries, female enrolment in medical science studies is fairly considerable in many other countries.

Although not as high, the female enrolment rate in social sciences and natural sciences frequently shows an increase, particularly in Indonesia, Iraq, Israel, the Philippines and the Republic of Viet-Nam.

The percentage is very low in engineering, rising to 11% only in the Khmer Republic (1971) and Burma (1965). Comparison between this field of study and agriculture shows that female enrolment in the latter is higher although, in absolute terms, the number of such students is fairly restricted.

### III. GRADUATES

#### 1. Trends in the total number of graduates

As already indicated, graduates are classified according to three "stages of diploma" (levels of qualification obtained):

- Stage A:* Diplomas and certificates not equivalent to a first university degree
- Stage B:* First university degrees or equivalent
- Stage C:* Degrees awarded to persons already possessing a first university degree or equivalent.

Table 11 has been prepared with the aim of indicating the types of degrees and diplomas taken into consideration in the various countries as well as their relative importance. This distribution of degrees and diplomas according to the level of qualification obtained also highlights the diversity in the structure and organization of higher education in Asia. It can be seen, furthermore, that sometimes very considerable changes occur over the years in the distribution of degrees and diplomas according to the level of qualification obtained. It is thus essential, at the international level, for the analysis to bear on each of these "stages of diploma".

It should be noted that for a certain number of countries, including Bangladesh, Indonesia, Nepal and Pakistan, data were available in respect of one year only and, as a result, it has not been possible to calculate growth rates.

Table 12 shows annual growth rates in the number of graduates, according to "stage of diploma" obtained, for several countries. Only the most significant rates have been shown in the case of Stage A and C diplomas.

Stage A diplomas play a relatively important part in Hong Kong, Japan, the Republic of Korea, Malaysia, the Philippines, Singapore and Thailand. They show very rapid development more especially in Japan from 1966 onwards, the growth rate exceeding 20% per annum compared with 10.6% per annum during the 1960-66 period. This is all the more remarkable when we see that Stage B diplomas have increased less rapidly and in more consistent fashion during the decade (7.3% per annum). The reverse tendency occurs in the Philippines where Stage A diplomas decreased in absolute terms and in Thailand where their growth was very low between 1966 and 1970).

The growth in the number of Stage B graduates accelerated from 1965 onwards particularly in Iraq, Israel, Lebanon, Thailand and Turkey. The growth rate between 1965 and 1970 in Iraq and Lebanon over 20% per annum - appears to reflect the rapid expansion of the student population noted in these two countries during

Table 10 — Proportion of female students by field of study (as a %)

Country/Pays	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1965	19	27	46	—	10	13	21	2	14	—
	1970	15	15	26	—	13	5	15	2	26	—
Bangladesh	1970	10	14	26	7	1	4	8	0	19	—
Burma/Birmanie	1965	32	35	50	—	18	47	28	11	33	12
Hong-Kong	1961	36	47	60	22	—	47	28	4	11	—
	1970	30	49	64	36	41	43	21	1	17	—
India/Inde	1960	17	21 <sup>1</sup>	31	—	3	1	1 <sup>1</sup>	1	20	1
	1967	22	28 <sup>1</sup>	36	—	4	2	1 <sup>1</sup>	1	22	1
Indonesia/Indonésie	1959	19	30	31	100	20	9	17	5	17	7
	1971	28	43	36	30	26	32	32	7	33	20
Iran	1970	26	46	31	22	18	23	23	5	34	10
Iraq/Irak	1960	23	37	—	—	11	14	21	3	29	3
	1970	22	27	21	21	8	25	29	6	27	4
Israel/Israël <sup>2</sup>	1960	41	54	83	26	24	23	34	2	27	7
	1970	48	68	85	40	30	42	39	5	28	16
Japan/Japon	1959	19	37	38	59	2	18	9	1	23	2
	1970	28	61	63	67	21	—	13	1	41	6
Jordan/Jordanie	1970	30	40	24	—	—	19	35	—	89	—
Khmer Republic République khmère	1971	21	20	29	39	11	20	25	11	22	11
Republic of Korea République de Corée	1965	25	42	45	64	5	11	51	1	42	6
	1970	24	33	51	72	4	10	42	1	51	6
Kuwait/Koweït	1970	48	66	55	—	29	39	41	—	—	—
Laos	1970	19	—	40	—	—	7	—	—	23	—
Lebanon/Liban	1965	18	27	33	14	10	10	15	1	34	9
	1969	23	27	60	21	13	13	20	1	33	10
Malaysia/Malaisie occidentale	1966	34	34	40	—	—	17	21	3	14	7
	1970	30	39	44	41	36	31	20	7	17	13
Nepal/Népal	1965	17	27	27	22	3	6	14	—	—	—
	1969	18	24	28	30	2	7	14	—	—	—
Pakistan	1970	19	28	30	35	1	19	16	—	24	2
Philippines	1960	51	50 <sup>1</sup>	84	31	16	48	1 <sup>1</sup>	7	68	9
	1969	55	59 <sup>1</sup>	78	21	13	53	1 <sup>1</sup>	5	81	11
Saudi Arabia/Arabie saoudite	1965	3	13	—	—	—	5	—	—	—	—
	1970	8	12	23	—	2	14	—	—	—	—
Singapore/Singapour	1966	35	38	59	4	17	29	27	0	26	—
	1971	30	63	73	19	41	45	35	5	26	—
Republic of Sri Lanka République du Sri Lanka	1960	24	19 <sup>3</sup>	3 <sup>3</sup>	—	14	3 <sup>3</sup>	28	—	16	—
	1970	43	49 <sup>3</sup>	3 <sup>3</sup>	—	52	3 <sup>3</sup>	32	5	37	23
Syrian Arab Republic République arabe syrienne	1960	17	28	33	—	10	14	13	6	29	2
	1970	18	29	26	18	12	14	16	4	18	8
Thailand/Thaïlande	1970	42	86	52	18	20	48	43	2	51	22
Turkey/Turquie	1960	20	43	34	21	22	12	28	7	23	9
	1970	19	34	38	36	19	15	23	7	36	8
Republic of Viet-Nam République du Viêt-Nam	1960	17	25	22	10	11	6	10	2	29	8
	1969	29	39	42	7	19	24	25	1	41	10

1. Natural sciences are included with humanities.

2. Universities and higher teacher training colleges.

3. Education and social sciences are included with humanities



**Table 11 — Distribution of higher education graduates by stage of diploma (as a percentage of the total)**

Country/Pays	Year Année	Level Niveau A	Level Niveau B	Level Niveau C
Afghanistan	1961	—	100	—
	1969	12	88	—
Bangladesh	1970	—	95	5
Hong Kong	1961	72	22	6
	1970	65	30	5
India/Inde	1960	—	84	16
	1966	—	83	17
Indonesia/Indonésie <sup>1</sup>	1971	—	69	31
Iran	1965	—	100	—
	1970	34	62	4
Iraq/Irak	1960	—	100	—
	1970	—	98	2
Israel/Israël <sup>2</sup>	1960	—	74	26
	1970	—	73	27
Japan/Japon	1960	20	78	2
	1970	32	65	3
Jordan/Jordanie	1970	53	45	2
Republic of Korea République de Corée	1965	32	64	4
	1970	29	66	5
Kuwait/Koweït	1970	8	91	1
Laos	1965	42	58	—
	1971	81	19	—
Lebanon/Liban	1961	6	85	9
	1969	8	82	10
Malaysia/Malaisie occidentale	1965	76	24	—
	1970	47	52	1
Nepal/Népal	1969	52	30	18
Pakistan	1969	4	79	16
Philippines	1962	23	76	1
	1968	12	87	1
Saudi Arabia/Arabie saoudite	1960	—	100	—
	1970	—	99	1
Singapore/Singapour	1961	49	50	1
	1970	36	62	2
Republic of Sri Lanka République du Sri Lanka	1960	—	100	—
	1969	—	100	—
Syrian Arab Republic République arabe syrienne	1961	4	86	10
	1970	9	85	5
Thailand/Thaïlande	1961	26	72	2
	1970	15	78	7
Turkey/Turquie	1969	—	99	1
Republic of Viet-Nam République du Viêt-nam	1960	—	97	3
	1968	18	76	6

1. Public universities only: student enrolment in them represents slightly more than 50% of the total number of students.  
2. Universities and equivalent institutions only.

Stage A: Diplomas and certificates not equivalent to a first university degree.  
Stage B: First university degrees or equivalent.  
Stage C: Degrees awarded to persons already possessing a first university degree or equivalent.

**Table 12 — Average annual growth rates in the number of graduates (as a %)**

Country/Pays	Period Période	Level Niveau A	Level Niveau B	Level Niveau C
Afghanistan	1961-69		9.9	
	1961-65		8.2	
	1965-69		11.6	
Hong Kong	1961-70	11.8	17.2	9.4
	1961-65	-14.1	21.0	-5.0
	1965-70	38.0	10.1	22.6
India/Inde	1960-66		8.0	9.3
Iran	1965-70		15.2	
Iraq/Irak	1960-70		16.1	
	1960-64		8.0	
	1964-70		22.0	
Israel/Israël	1960-70		13.9	14.8
	1960-65		10.8	4.7
	1965-70		17.1	25.8
Japan/Japon	1960-70	14.7	7.3	13.5
	1960-66	10.7	7.1	15.3
	1966-70	21.0	7.6	10.8
Rep. of Korea/Rép. de Corée	1965-70	1.1	4.6	7.9
Lebanon/Liban	1961-69		12.3	
	1961-65		-1.7	
	1965-69		29.0	
Malaysia/Malaisie occidentale	1965-70	0.3	28.6	
Philippines	1962-68	-4.6	9.3	23.0
Saudi Arabia/Arabie saoudite	1960-70		22.3	
	1960-65		36.6	
	1965-70		9.4	
Singapore/Singapour	1961-70	6.0	11.9	
	1961-65	14.4	12.6	
	1965-70	-0.3	11.4	
Republic of Sri Lanka République du Sri Lanka	1960-69		22.0	
	1960-65		36.8	
	1965-69		5.8	
Syrian Arab Republic République arabe syrienne	1961-70		7.4	
	1961-65		9.9	
	1965-70		5.4	
Thailand/Thaïlande	1961-70	4.4	12.7	27.0
	1961-66	6.6	7.7	30.0
	1966-70	1.6	19.4	25.0
Turkey/Turquie	1960-70		12.8	
	1960-65		9.2	
	1965-70		16.6	
Rép. of Viet-Nam/Rép. du Viêt-nam	1960-68		18.2	30.0

Stage A: Diplomas and certificates not equivalent to a first university degree.  
Stage B: First university degrees or equivalent.  
Stage C: Degrees awarded to persons already possessing a first university degree or equivalent.

Table 13 — Distribution by field of study of stage A diplomas (not equivalent to a first university degree) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1969	—	76	—	—	24	—	—	—	—
Bahrain/Bahreïn	1970	—	100	—	—	—	—	—	—	—
Bangladesh	1970	28	38	—	—	34	—	—	—	—
Hong-Kong	1961	1	99	—	—	—	—	—	—	—
	1970	—	54	—	—	6	1	39	—	—
Iran	1970	30	3	2	—	7	8	32	12	5
Japan/Japon	1960	18	8	3	1	59	—	8	—	2
	1970	18	16	5	—	45	—	10	2	1
Jordan/Jordanie	1970	—	78	—	—	10	—	4	8	—
Republic of Korea République de Corée	1965	6	31	5	—	15	11	15	7	10
	1970	1	44	4	—	3	3	22	12	12
Kuwait/Koweït	1970	—	38	—	—	62	—	—	—	—
Laos	1965	—	—	—	—	—	—	—	100	—
	1971	—	34	—	—	28	—	—	38	—
Lebanon/Liban	1961	—	22	—	—	—	—	—	88	—
	1969	6	45	—	—	22	12	—	15	—
Malaysia/Malaisie occidentale	1965	—	91	—	—	—	—	7	—	2
	1970	—	67	1	—	10	—	11	—	9
Nepal/Népal	1969	46	3	—	—	29	23	—	—	—
Pakistan	1969	19	—	—	—	11	—	—	—	70
Philippines	1962	5	45	—	—	29	—	6	13	1
	1968	4	1	—	—	71	—	13	10	—
Singapore/Singapour	1961	—	91	—	—	—	—	9	—	—
	1970	—	47	2	—	—	—	46	—	—
Syrian Arab Republic République arabe syrienne	1961	—	—	—	—	—	—	—	100	—
	1970	—	—	—	—	—	—	—	100	—
Thailand/Thaïlande	1961	3	26	9	—	5	21	4	15	18
	1970	2	10	11	13	17	1	13	22	—
Republic of Viet-Nam République du Viêt-nam	1968	—	73	—	—	27	—	—	—	—

the preceding period (1960-65). It can also be seen from Table 12 that in Sri Lanka and Syria for example, the growth rate in the number of Stage B graduates between 1965 and 1970 is very much lower than in 1960-65. This tendency was also noted in the number of students where growth was marked by a considerable decline in these two countries between 1965 and 1970 (see Section I above).

Stage C degrees and diplomas continue to increase at an appreciably higher rate than, for example, Stage B awards.

## 2. Distribution of graduates by field of study

### (a) Stage A diplomas

As Table 13 indicates, in the majority of countries these diplomas are awarded, in the main, in respect of

teacher training studies. However, the percentage of students in this field of study has decreased in a few countries (Malaysia, the Philippines and Thailand, more especially) because of greater diversification of these diplomas. In the Philippines, for example, education represented no more than 1% of all Stage A diplomas in 1968 as against 45% in 1962, but the percentage of social science diplomas rose from 29 to 71%. In Japan, on the other hand, the proportion of education diplomas which was fairly low in 1960 (8%) doubled in 1970. In this country, in spite of a certain drop in their relative importance, it can also be seen that social science diplomas represent almost half of the total (45%). This field of study is also important in Kuwait and Bangladesh. In the latter country as well as in Nepal, Iran, Pakistan and Japan, the percentage of diplomas in humanities is relatively very high.

The proportion of engineering diplomas has increased to an, at times, very appreciable extent and, in 1970, it exceeded 30% in Hong Kong, Iran and Singapore. It is interesting to note that in Pakistan, in 1969, agriculture represented 70% of the total diplomas conferred.

Lastly, as regards the medical sciences, certain high percentages refer only to a very small number of diplomas.

### (b) Stage B degrees

Table 14 shows the distribution of these degrees by field of study. Although the years to which the data refer are not the same and the trends in respect of each percentage cannot be analysed for all countries, we shall attempt to emphasize certain of the main characteristics in this distribution.

In 1969 the humanities represented almost 70% of all Stage B degrees in Sri Lanka as against 56% in 1960. The increase has also been very marked in Lebanon and Israel where the proportion of degrees in this field of study now exceeds 30%. Data available for 1970 reveal that this percentage is also high in Bangladesh (50%), Nepal (37%) and Pakistan (56%).

The relative importance of teacher training (education) is tending to drop in many countries: 11% in 1968 as against 33% in 1960 in the Republic of Viet-Nam; 3% in 1970 as against 12% in 1965 in Iran; and 8% in 1970 as against 13% in 1960 in Japan. In the Philippines, however, the proportion of these degrees – already very high in 1962 (44%) – exceeded 50% in 1968.

As in the case of student numbers, the relative importance of law degrees is declining. To verify this it suffices to note that in Syria the proportion of these graduates dropped from 42% in 1961 to 17% in 1970, in Thailand from 16% in 1961 to 3% in 1970 and in Saudi Arabia from 68% in 1960 to 39% in 1970. On the other hand the percentage of social science degrees has increased in many countries, such as Iran, Israel, Malaysia, Syria, Hong Kong and Singapore. In Japan in 1970 law and social sciences represented 45% of all degrees conferred.

The proportion of graduates in natural sciences dropped appreciably in Sri Lanka: 8% in 1969 as against 22% in 1960. In most countries, however, this percentage has, on the whole, increased, and in Iran, Israel, Iraq, Syria, the Republic of Viet-Nam and Turkey the upward trend has been very considerable. It can also be seen in Table 11 that the percentage of graduates in this field of studies varies greatly from one country to another, ranging, in or about 1970, from 1% in Indonesia to 32% in Nepal.

In Israel, engineering graduates represented 41% of the total in 1960; in 1970 they represented no more than 16%. Although percentages are lower, the drop has also been very clearly marked in Lebanon and the Republic of Viet-Nam. On the other hand the relative importance of this field of studies has increased in many countries, and more especially in Japan, Syria, Afghanistan and Hong Kong. As regards agriculture, the percentage is, in general, fairly low, except in Indonesia where it was 16% in 1971.

The proportion of degrees awarded in the medical sciences increased to an appreciable extent only in the Republic of Viet-Nam (between 1960 and 1968) and Syria (between 1961 and 1970). In Thailand very little increase was recorded. In all the other countries for which data are available, this proportion has decreased, at times to a very marked extent as, for example, in Lebanon (4% in 1969 as against 17% in 1961), Iran (9% in 1970 as against 24% in 1965), the Philippines (4% in 1968 as against 10% in 1962) and Afghanistan (11% in 1969 as against 24% in 1961).

### (c) Stage C degrees

Very few of these degrees are awarded in a number of countries owing to the fact that this level of studies is not, as yet, very developed. Many of the figures set out in Table 15 thus represent only a fairly small number of graduates. (see p. 84)

The proportion of Stage C graduates in humanities and "education" is very considerable in most countries and more especially in Bangladesh, India, Nepal, Pakistan and the Philippines. It can also be seen that in certain cases the percentage of graduates in natural sciences, social sciences and medical sciences is fairly high.

In Israel, Japan and Thailand the distribution of these graduates has considerably changed during the period under review. In Israel the percentage of humanities graduates rose from 14% in 1965 to 42% in 1970 while the proportion of natural science graduates dropped from 58 to 30%. In Japan, whereas engineering has shown marked expansion (36% in 1970 as against 14% in 1960), the percentage in humanities was 12% compared with 26% in 1960. In Thailand it is the proportion of "education" graduates that has increased to a notable degree, while a considerable decline can be seen in the percentage of graduates in engineering, medical sciences and social sciences.

## 3. Proportion of women graduates

As was stated in Section II above, female enrolment varies considerably according to the field of study. Table 16 shows that the percentage of women graduates also varies according to the stage of diploma.

Although, generally speaking and irrespective of the level of qualification obtained, the proportion of women is higher in "education" (teacher training), humanities and medical sciences, the differences between the sexes become more marked in certain cases when the level of qualification is taken into consideration. The example of Japan reveals, in this regard, a deep-seated, almost extreme disparity between the two sexes: in 1970 the proportion of women was 82% among Stage A graduates, 20% for Stage B and 8% for Stage C. In social sciences 89% of Stage A graduates are women whereas they represent only 9% for Stage B. Differences are just as marked in medical sciences, although the proportion of women among Stage B graduates increased considerably between 1960 and 1970. It can, however, be seen that



Table 14 — Distribution by field of study of stage B degrees (first university degrees or equivalent) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1961	23	—	—	20	10	11	2	24	10
	1969	22	18	—	21	6	8	8	11	5
Bangladesh	1970	50	2	—	2	28	16	1	1	—
Hong-Kong	1961	59	—	2	—	2	17	6	14	—
	1970	30	—	4	—	26	20	11	10	—
India/Inde	1960	62 <sup>1</sup>	12	—	5	10	... <sup>1</sup>	5	3	2
	1966	44	12	—	4	9	21	5	3	3
Indonesia/Indonésie <sup>2</sup>	1971	2	33	—	10	22	1	10	6	16
Iran	1965	27	12	1	6	7	6	12	24	5
	1970	22	3	4	3	28	16	12	9	4
Iraq/Irak	1960	25	16	—	9	8	6	13	12	7
	1970	46 <sup>3</sup>	... <sup>3</sup>	—	8	... <sup>3</sup>	16	15	9	5
Israel/Israël <sup>4</sup>	1960	19	—	—	5	19	5	41	6	5
	1970	31	—	1	6	25	16	16	3	2
Japan/Japon	1960	14	13	2	11	33	3	14	6	5
	1970	13	8	2		45	3	20	4	4
Jordan/Jordanie	1970	33	—	—	—	55	12	—	—	—
Republic of Korea	1965	15	7	4	8	28	6	15	9	7
République de Corée	1970	12	10	4	5	25	8	19	8	9
Kuwait/Koweït	1970	21	32	—	7	31	10	—	—	—
Laos	1965	—	—	—		100	—	—	—	—
	1971	—	—	—		100	—	—	—	—
Lebanon/Liban	1961	16	5	1	17	21	9	11	17	3
	1969	43	8	3	11	21	7	3	4	1
Malaysia/Malaisie occidentale	1965	51	17	—	—	—	24	5	—	4
	1970	35	16	—	—	15	23	3	4	2
Nepal/Népal	1969	37	6	—	7	18	32	—	—	—
Pakistan	1969	56	12	—	5	8	12	3	3	1
Philippines	1962	7	44	1	5	23	2	6	10	2
	1968	7	53	1	1	25	2	5	4	1
Saudi Arabia/Arabie saoudite	1960	32	—	—	68	—	—	—	—	—
	1970	25	10	—	39	10	7	4	2	2
Singapore/Singapour	1961	32	16	—	3	8	26	2	12	—
	1970	20	11	1	3	24	28	5	8	—
Republic of Sri Lanka	1960	56	—	—	1	—	22	5	14	1
République du Sri Lanka	1969	67	3	—	2	5	8	5	8	1
Syrian Arab Republic	1961	29	5	—	42	10	6	2	6	—
République arabe syrienne	1970	28	—	2	17	15	13	8	13	4
Thailand/Thaïlande	1961	5	23	2	16	26	5	7	11	5
	1970	7	27	2	7	26	4	6	13	6
Turkey/Turquie	1960	3	13	3	11	31	4	16	12	7
	1970	8	12	1	9	32	9	17	9	3
Republic of Viet-Nam	1960	8	33	7	19	—	4	12	18	—
République du Viêt-nam	1968	14	11	4	20	5	10	4	29	4

1. Natural sciences are included with humanities.

2. Public universities only: students enrolled in them represent slightly more than 50% of the total number.

3. Education and social sciences are included with humanities.

4. Universities and equivalent institutions only.

Table 16 — Proportion of women graduates (as a %)

Country/Pays	Year Année	Level of degree or diploma Niveau du diplôme	Total	Humanities Lettres	Education	Fine arts Beaux- arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Afghanistan	1969	A	18	—	22	—	—	5	—	—	—	—
		B	18	23	32	—	17	8	18	2	15	—
Bangladesh	1970	A	16	16	27	—	—	4	—	—	—	—
		B	8	13	23	10	—	—	7	—	17	—
		C	9	25	15	—	—	—	8	—	—	—
Hong Kong	1970	A	38	50	67	—	—	17	10	1	—	—
		B	33	51	—	26	—	42	20	—	23	—
		C	36	18	46	—	—	33	18	—	—	—
India/Inde	1966	B	25	36	33	41	4	2	22	1	25	—
		C	24	30	33	51	2	1	19	—	25	1
		C	21	33	25	—	20	22	38	7	47	18
Indonesia Indonésie <sup>1</sup>	1971	B	24	32	30	—	32	15	33	5	19	8
		C	21	33	25	—	32	15	33	5	19	8
		C	21	29	14	13	11	24	18	4	31	4
Iran	1965	B	21	29	14	13	11	24	18	4	31	4
		C	21	24	28	38	13	14	30	—	30	11
		C	21	24	28	38	13	14	30	—	30	11
Iraq/Irak	1960	B	24	38 <sup>2</sup>	2	—	5	2	25	—	26	—
		B	23	29 <sup>2</sup>	2	10	6	2	37	4	26	4
		C	30	28 <sup>2</sup>	2	—	—	2	30	—	48	—
Israel/Israël <sup>3</sup>	1960	B	20	50	—	—	23	24	32	3	18	7
		C	26	38	—	—	21	14	38	—	44	9
		C	26	38	—	—	21	14	38	—	44	9
Japan/Japon	1970	B	43	70	—	41	25	39	46	5	27	8
		C	42	68	—	20	36	28	26	7	24	10
		C	42	68	—	20	36	28	26	7	24	10
1960	1960	A	68	81	94	75	19	73	100	1	100	12
		B	14	33	31	54	2	6	11	—	27	1
		C	7	14	15	—	5	4	7	1	2	4
1970	1970	A	82	97	98	93	—	89	90	3	88	15
		B	20	59	52	70	—	9	14	1	41	5
		C	8	23	21	39	—	10	8	—	7	3
Republic of Korea République de Corée	1970	A	46	87	58	85	—	47	89	3	95	1
		B	24	41	61	74	3	11	45	2	37	8
		C	13	15	26	70	2	2	25	1	14	4
Lebanon/Liban	1969	A	69	90	91	—	—	9	52	—	96	—
		B	21	25	42	21	12	13	25	1	25	15
		C	21	25	42	21	12	13	25	1	25	15

Malaysia	1970	A	31	—	37	56	—	43	—	8	—	11
Malaisie occidentale		B	33	43	57	—	—	18	19	—	15	6
Nepal/Népal	1969	A	14	23	12	—	—	3	9	—	—	—
		B	16	20	10	—	—	4	22	—	—	—
		C	9	11	2	—	—	—	—	—	—	—
Pakistan	1969	A	5	26	—	—	—	3	—	—	—	—
		B	24	28	41	—	1	8	21	—	22	—
		C	25	24	18	31	—	8	32	—	29	—
Philippines	1968	A	77	53	100	50	5	90	60	4	98	16
		B	63	49	82	27	11	46	48	6	75	10
		C	60	71	66	—	13	47	75	14	88	15
Saudi Arabia	1970	B	3	8	10	—	—	3	—	—	—	—
Arabie saoudite												
Singapore/Singapour	1970	A	32	—	63	14	—	—	—	4	—	—
		B	37	50	69	25	15	30	31	2	31	25
		C	25	80	—	—	—	33	25	—	29	—
Republic of Sri Lanka	1965	B	27	28	—	—	16	21	24	1	30	10
Rép. du Sri Lanka	1969	B	45	52	21	—	19	22	34	2	34	16
Syrian Arab Republic	1961	B	18	27	46	—	9	20	23	10	6	—
Rép. arabe syrienne	1970	A	100	—	—	—	—	—	—	—	100	—
		B	16	26	—	14	8	15	19	3	17	4
		C	33	—	33	—	—	—	—	—	—	—
Thailand/Thaïlande	1966	A	45	69	53	29	2	51	42	—	79	30
		B	38	88	52	18	12	48	29	2	38	23
		C	40	86	52	—	—	3	75	—	51	12
	1970	A	42	62	62	17	13	52	37	3	96	—
		B	46	85	54	28	14	56	56	1	45	21
		C	42	100	51	—	—	36	59	3	40	50
Turkey/Turquie	1960	B	20	49	26	21	16	22	26	4	24	16
	1970	B	19	31	36	43	20	14	14	9	33	5
Rep. of Viet-Nam	1968	A	43	—	49	—	—	24	—	—	—	—
Rép. du Viêt-nam		B	23	32	18	11	19	11	24	—	33	7

1. Public universities only.
2. Education and social sciences are included with humanities.
3. Universities and equivalent institutions.



Table 15 — Distribution by field of study of stage C degrees (higher university degrees or equivalent)

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Bangladesh	1970	58	6	—	—	8	25	—	—	1
Hong Kong	1961	2	69	—	—	6	22	—	—	—
	1970	20	61	1	—	8	6	3	1	—
India/Inde	1968	62	2	—	1	8	18	1	5	3
Indonesia/Indonésie <sup>1</sup>	1971	2	27	—	16	21	1	5	20	6
Iran	1970	20	18	1	4	34	8	3	9	3
Iraq/Irak	1970	41 <sup>2</sup>	... <sup>2</sup>	—	2	... <sup>2</sup>	30	—	19	8
Israel/Israël <sup>3</sup>	1965	14	—	—	—	3	58	12	7	6
	1970	42	—	—	1	11	30	9	1	4
Japan/Japon	1960	26	3	—	8	13	16	14	14	6
	1970	12	3	1	14	13	13	36	14	7
Republic of Korea	1965	18	2	2	13	28	1	12	20	5
République de Corée	1970	11	15	3	3	31	6	7	20	5
Lebanon/Liban	1961	20	18	—	—	31	13	—	1	18
	1969	26	50	—	5	2	4	2	2	9
Malaysia/Malaisie occidentale	1970	35	14	—	—	5	27	5	—	14
Nepal/Népal	1969	75	15	—	—	1	9	—	—	—
Pakistan	1969	68	5	—	—	3	20	—	1	3
Philippines	1962	27	38	—	3	20	2	6	3	1
	1968	27	33	—	1	25	6	1	2	6
Singapore/Singapour	1961	17	—	—	8	—	58	—	17	—
	1970	9	6	—	11	11	21	14	30	—
Syrian Arab Republic République arabe syrienne	1970	—	100	—	—	—	—	—	—	—
Thailand/Thaïlande	1961	5	2	—	1	35	4	22	31	—
	1970	1	38	—	—	28	6	8	19	2
Turkey/Turquie	1969	11	1	—	4	34	2	5	40	3
Republic of Viet-Nam République du Viêt-nam	1968	8	—	—	49	36	7	—	—	—

1. Public universities only.

2. Education and social sciences are included with humanities.

3. Universities and equivalent institutions only.

this increase applies mainly to this field of study and to humanities and "education".

In the Philippines women graduates are in the majority: over 60% of the total for each stage of diploma. If distribution by field of study is examined it can be seen that for all three stages of diploma the proportion of women is everywhere high except in law, engineering and agriculture; in the medical sciences, it exceeds 70%. In Thailand the overall proportion of women graduates is high and appreciably the same at all levels, but there are disparities between the sexes in distribution by field of study.

Since in Pakistan Stage A diplomas are awarded mainly in agriculture where female enrolment is nil, the proportion of women graduates is rendered extremely low in overall terms (5%).

In Table 5 (Section I) above it was seen that female enrolment in higher education had made virtually no progress in certain countries, such as Iraq, Syria and Turkey. This situation is reflected in the proportion of women graduates which has dropped slightly in these three countries. On the other hand this proportion has increased considerably in countries such as, for example, Israel and Sri Lanka where the number of women students has grown very rapidly.

## I. NUMBERS OF STUDENTS ENROLLED

1. Trends in enrolment
2. Number of students and total population
3. Number of students in relation to the total population in the 20 to 24 year age-group
4. Distribution of student population by sex
5. Foreign students and enrolment ratio
6. Distribution of student population by age

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

1. Humanities, education and fine arts
2. Law and social sciences
3. Natural sciences
4. Engineering and agriculture
5. Medical sciences
6. Female students by field of study

## III. GRADUATES

1. Trends in the total number of graduates
2. Distribution of graduates by field of study
3. Proportion of women graduates

### EXPLANATORY NOTE

The following symbols are used in the graphs:

ALB	Albania	FRA	France	ITA	Italy	SWE	Sweden
AUS	Austria	GDR	German Democratic Republic	NET	Netherlands	SWI	Switzerland
BEL	Belgium	FRG	Federal Republic of Germany	NOR	Norway	USR	USSR
BUL	Bulgaria	GRE	Greece	POL	Poland	UK	United Kingdom
CZE	Czechoslovakia	HUN	Hungary	POR	Portugal	ANG	England and Wales
DEN	Denmark	ICE	Iceland	ROM	Romania	YUG	Yugoslavia
FIN	Finland	IRE	Ireland	SPA	Spain		

The Statistical study was already with the printers when the Ministry of Higher Education of the German Democratic Republic informed us that the statistical data which had been sent until now referred exclusively to universities and equivalent institutions. Data referring to higher technical training schools (Fachschulen, 164,000 students in 1970/1971) are therefore not given in this report. For information on this subject, reference should be made to the 1974 edition of the *Unesco Statistical Yearbook*.

## I. NUMBER OF STUDENTS ENROLLED

## 1. Trends in enrolment

The rates at which enrolment developed during the period from 1960 to 1970 differed widely between countries. Moreover, within countries themselves this expansion has not been uniform for, as Table 1 indicates, rates vary considerably. If we consider the most recent period, from 1965 to 1970, the countries concerned may be divided into five major groups:

- In certain countries (Albania, Malta, Sweden, Italy and Spain, growth has been extremely rapid, the average annual rate being in excess of 10%. This rate has been particularly high in Albania owing to the fact that enrolment in evening and correspondence courses more than doubled between 1965 and 1970;
- In six countries (France, Belgium, Finland, Iceland, Netherlands and Denmark) growth was also considerable, between 8 and 10% per annum;
- In a third group of countries (Portugal, Yugoslavia, Norway, United Kingdom, Federal Republic of Germany, Greece, Ireland, Switzerland and the German Democratic Republic) the rates of growth were between 5.0 and 7.7% per annum;
- The rate of growth was slower in Austria (3.9%) the USSR (3.5%), Poland (3.2%) and Romania (3.1%);
- Lastly, in three countries (Bulgaria, Hungary and Czechoslovakia), there was a stabilization or even reduction in the number of part-time students (evening and correspondence courses) during this period. The number of such students fell by half in Czechoslovakia and Hungary; in the former country their share of the total number enrolled dropped from 34% in 1965 to 20% in 1970, and in the latter from 46 to 33%.

As compared with the period 1960-1965, the growth in enrolment has slowed down in all countries except nine: Albania, Iceland, Italy, Netherlands, Portugal, Spain, Yugoslavia, the Federal Republic of Germany and the German Democratic Republic. Whereas the rates of growth during 1960-1965 were more than 10% per annum in half the countries covered, they reached this level in only five countries between 1965 and 1970; in the majority of cases the rates varied between 5% and 10% per annum.

If we consider the development of higher education in Europe since 1950, the growth rate has, in fact, been greatest during the 1960-1965 period (Table 12).

Data concerning new enrolments are still rather incomplete but their analysis confirms in general terms what has already been stated. Thus, in Greece the annual growth rate in the number of new enrolments dropped to 2.4% between 1965 and 1970; in Hungary the number of first-year students (day courses) which had risen by 11% per annum between 1960 and 1965 increased by no more than 2.6% per annum between 1966 and 1971; the number of

Table 1 — Average annual growth rates of enrolment in higher education (as a %)

Country/Pays	1960-70	1960-65	1965-70
Albania/Albanie	14.3	13.8	14.8
Austria/Autriche	4.5	5.1	3.9
Belgium/Belgique	9.9	10.1	9.7
Bulgaria/Bulgarie	5.0	10.4	-0.1
Czechoslovakia/Tchécoslovaquie	3.4	9.1	-2.0
Denmark/Danemark	9.2	10.5	8.0
Finland/Finlande	9.8	10.5	9.0
France	11.9	14.0	9.8
German Democratic Republic			
République démocratique allemande	3.1	1.3	5.0
Federal Republic of Germany			
République fédérale d'Allemagne	5.6	5.1	6.2
Greece/Grèce	10.4	15.4	5.6
Hungary/Hongrie	6.1	16.1	-3.0
Iceland/Islande	8.0	7.1	8.8
Ireland/Irlande	7.4	8.4	5.5
Italy/Italie	9.8	8.6	11.0
Malta/Malte	13.3	13.2	13.4
Netherlands/Pays-Bas	8.1	7.5	8.6
Norway/Norvège <sup>1</sup>	10.3	13.9	6.8
Poland/Pologne	6.9	10.8	3.2
Portugal	7.5	7.4	7.7
Romania/Roumanie	7.8	12.7	3.1
Spain/Espagne	9.5	8.6	10.5
Sweden/Suède	12.9	13.1	12.7
Switzerland/Suisse	7.1	9.1	5.1
Union of Soviet Socialist Republics			
Union des républiques socialistes soviétiques	6.7	10.1	3.5
United Kingdom/Royaume-Uni	7.1	7.5	6.7
Yugoslavia/Yougoslavie	6.4	5.6	7.1

1. Not including non-university technical training institutions which were classified under higher education as from 1968

Table 2 — Average annual growth rates of enrolment in higher education in certain European countries, 1950 to 1960 (as a %)

Country/Pays	1950-60	1950-55	1955-60
Austria/Autriche	4.5	-5.3	15.0
Bulgaria/Bulgarie	5.8	3.4	8.1
Czechoslovakia/Tchécoslovaquie	7.6	9.9	5.4
Finland/Finlande	5.0	2.8	7.2
France	4.0	2.4	5.7
Federal Republic of Germany			
République fédérale d'Allemagne	6.9	3.4	10.6
Greece/Grèce	...	...	6.1
Hungary/Hongrie	3.2	6.9	-0.4
Italy/Italie	1.5	-1.9	5.0
Netherlands/Pays-Bas	5.7	3.5	7.9
Romania/Roumanie	3.1	8.0	-1.5
Spain/Espagne	4.7	4.8	4.6
Sweden/Suède	6.8	5.3	8.0
Union of Soviet Socialist Republics			
Union des républiques socialistes soviétiques	6.7	8.4	5.1
United Kingdom/Royaume-Uni	...	...	7.2
Yugoslavia/Yougoslavie	8.8	3.0	15.0



Table 3 — Number of students per 10,000 inhabitants

Country/Pays	1960	1965	1970
Albania/Albanie	41	67	118
Austria/Autriche	55	68	81
Belgium/Belgique	57	89	138
Bulgaria/Bulgarie	78	122	117
Czechoslovakia/Tchécoslovaquie	69	102	89
Denmark/Danemark	69	109	154
Finland/Finlande	53	84	127
France	47	85	129
German Democratic Republic République démocratique allemande	59	64	80
Federal Republic of Germany République fédérale d'Allemagne	52	63	83
Greece/Grèce	34	68	86
Hungary/Hongrie	45	93	78
Iceland/Islande	38	49	68
Ireland/Irlande	45	76	96
Italy/Italie	54	79	128
Malta/Malte	16	31	59
Netherlands/Pays-Bas	92	124	178
Norway/Norvège	40	74	129
Poland/Pologne	69	108	120
Portugal	27	37	52
Romania/Roumanie	39	69	75
Spain/Espagne	29	42	65
Sweden/Suède	56	100	176
Switzerland/Suisse	40	55	67
Union of Soviet Socialist Republics Union des républiques socialistes soviétiques	112	167	189
United Kingdom/Royaume-Uni	58	80	108
Yugoslavia/Yougoslavie	76	95	127

students enrolling for the first time in higher education dropped in Czechoslovakia between 1965 and 1971 as it did in Switzerland between 1968 and 1971. The present expansion of student numbers in Spain is confirmed by the high growth rate in the number of new students enrolled (15% per annum between 1961 and 1970).

Comparison of the expansion of the university and non-university sectors is not always possible in view of difficulty in making a clear distinction between these forms of education. Certain variations, furthermore, can be accounted for by a tendency towards the gradual transfer to the university sector of equivalent institutions established outside the university system. Education of the non-university type represents an important sector in 9 countries: Albania, Belgium, Denmark Federal of Germany, Hungary, Netherlands, Norway, United Kingdom and Yugoslavia. In the majority of these countries, growth rates in non-university teacher training, which were very high during the 1960-1965 period, dropped, in sometimes spectacular fashion, between 1965 and 1970. This situation can be accounted for by two factors: first, the decline in the demand for teachers and, second, the tendency in some countries to transfer teacher training studies to the university sector. As regards the other non-university educational institutions, a decrease in enrolment between 1965 and 1970 can be seen in Bulgaria and, more espe-

Table 4 — Student population as a percentage of the total population in the 20 to 24 year age-group (enrolment ratio)

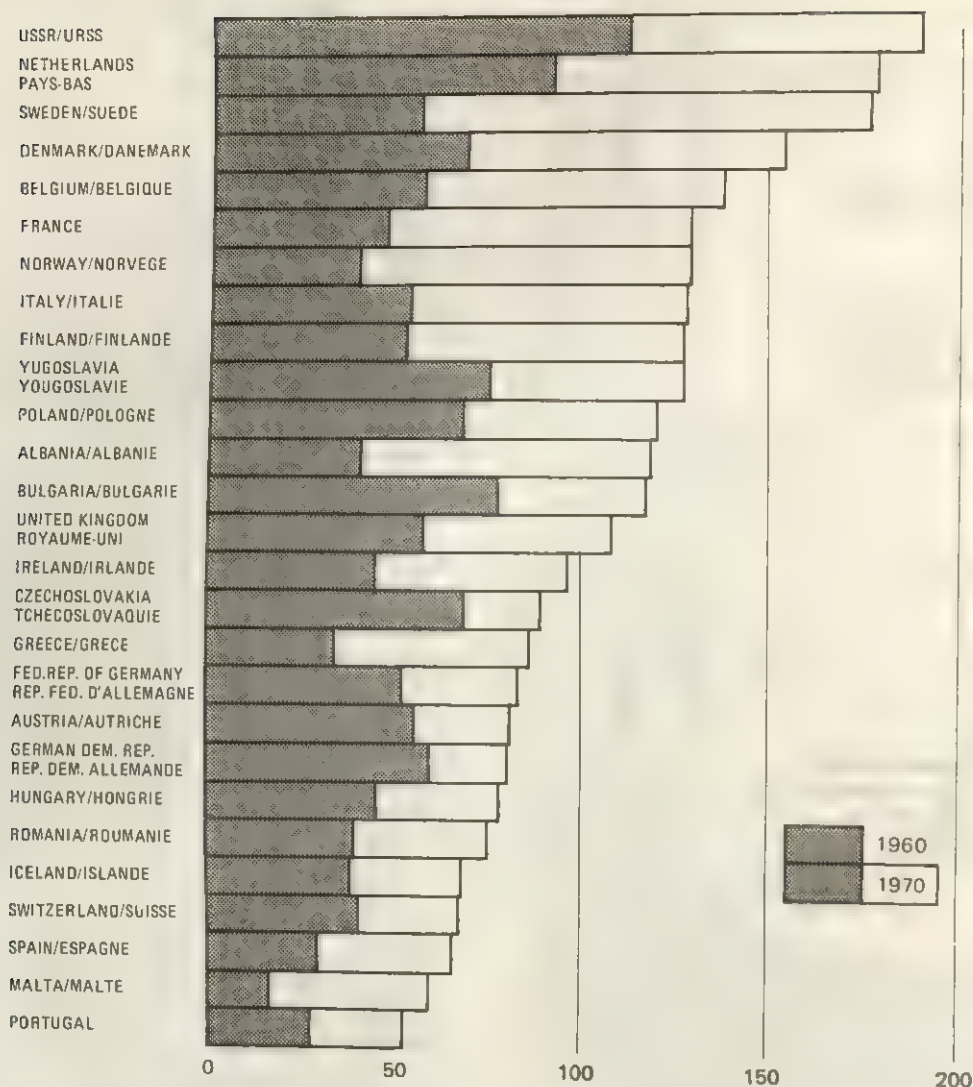
Country/Pays	1960	1965	1970
Albania/Albanie	4.5	8.2	15.1
Austria/Autriche	8.0	9.0	12.0
Belgium/Belgique	9.1	14.8	19.0
Bulgaria/Bulgarie	10.5	17.0	14.3
Czechoslovakia/Tchécoslovaquie	10.9	13.9	10.4
Denmark/Danemark	10.4	13.7	18.4
Finland/Finlande	7.4	11.0	12.5
France	7.4	14.0	16.0
German Dem. Rep./Rép. dém. allemande	7.3	9.3	15.0
Fed. Rep. of Germany/Rép. féd. d'Allemagne	6.1	8.8	13.8
Greece/Grèce	3.8	9.8	10.6
Hungary/Hongrie	6.5	12.6	10.1
Iceland/Islande	5.7	7.0	8.1
Ireland/Irlande	8.0	11.7	12.2
Italy/Italie	6.8	11.9	17.2
Malta/Malte	2.3	4.5	5.9
Netherlands/Pays-Bas	13.2	16.7	19.6
Norway/Norvège	6.9	10.7	15.8
Poland/Pologne	9.2	17.5	13.8
Portugal	3.5	5.0	7.3
Romania/Roumanie	4.5	9.8	9.8
Spain/Espagne	3.9	5.6	8.5
Sweden/Suède	9.0	13.1	22.1
Switzerland/Suisse	5.3	6.2	8.7
Union of Soviet Socialist Republics Union des républiques socialistes soviétiques	11.0	29.5	25.0
United Kingdom/Royaume-Uni	8.9	11.9	13.9
Yugoslavia/Yougoslavie	8.6	13.1	15.3

cially, in Poland, while the growth rate has declined appreciably, in Yugoslavia (5.2% in 1965-70 as against 14.1% in 1960-65). In the other countries, these rates are stable or higher in 1965-70 than in the previous period.

In university education considerable variations in the growth rate can be seen in Bulgaria (1.1% in 1965-70 as against 9.0% in 1960-65), Hungary (-4.7% in 1965-70 as against 10.4% in 1960-65) and, reflecting an upward trend, Yugoslavia (9.2% in 1965-70 as against only 1.3% in 1960-65). In most other countries there is no great difference between growth rates in the number of university students and those calculated for the whole student population. This is due mainly to the fact that universities and equivalent institutions often occupy a preponderant place in the higher education system.

The relative importance of part-time studies (which in many cases cover higher education for adults) varies a great deal according to the country and the type of educational institution. In general the proportion of part-time students is highest in non-university institutions; this has been established more particularly in Albania, Hungary, the Netherlands, the United Kingdom and Yugoslavia. In the USSR part-time students make up, with slight variations from one year to the next, half the total number and they exceed 50% in Albania. However, in the absence of a more precise definition of the expression "part-

Fig. 1 — Number of students per 10,000 inhabitants



time study” and, thus, of statistics established on similar bases, comparison between the different European States proves very difficult. In view, furthermore, of present trends in higher education systems in Europe, the question arises whether it would not be more appropriate to distinguish in these systems the percentage of students enrolled in higher education for adults instead of the proportion usually covered by the term “part-time studies”.

## 2. Number of students and total population

The measures taken by European States to develop higher education during the decade is reflected in the trends in numbers of students per 10,000 inhabitants (Table 3 and Figure 1). Whereas in 1960 the USSR was the only country where this number exceeded 100, in 1970 it exceeds 150 in 4 countries (USSR, Netherlands, Sweden and Denmark) and varies between 100 and 150 in 10 countries.

The decrease in the number of students in Bulgaria, Czechoslovakia and Hungary between 1965 and 1970 has meant a slight drop in this ratio. In 1965 the number of students per 10,000 inhabitants was still fewer than 50 in 4 countries (as against 12 in 1960): Iceland, Spain, Portugal and Malta. With the addition of Switzerland, these five countries show the lowest ratio in 1970, this varying between 50 and 70.

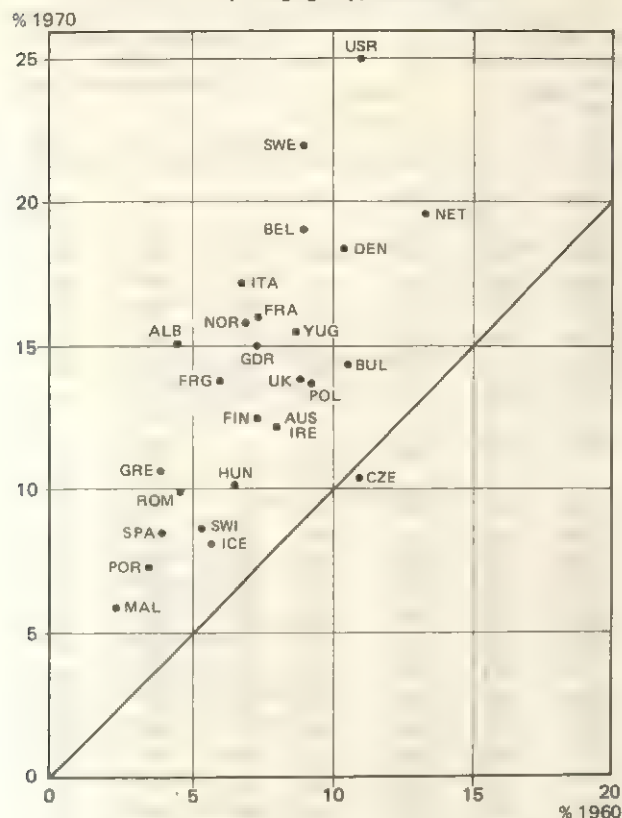
## 3. Number of students in relation to the total population in the 20 to 24 year age-group (enrolment ratio)

Enrolment ratios have increased substantially in Europe since 1960. Figure 2 shows, in fact, that from this standpoint the situation noted in 1970 has changed radically from that of 1960 (see also Table 4).

Whereas in 1960 the enrolment ratio was below 10% in 22 countries, in 1970 it exceeded 10% in 21 countries. In 11 of these it is higher than 15%. In spite of the



Fig. 2 — Student population as a percentage of the total population in the 20 to 24 year age-group, 1960 and 1970



falling-off between 1965 and 1970, the USSR still shows the highest enrolment ratio (25%). In Sweden it reached 22% in 1970 as against 9% in 1960 and it was approximately 20% in the Netherlands and Belgium. France should perhaps have been included in this group, had data been available for the whole of higher education: the enrolment ratio stood at 16% in 1970 for university education. It will be seen lastly that in half the total number of European States the enrolment ratios were at least doubled during the decade.

As already stated in the introduction, this indicator does not take account of the age structure of the student population, which makes international comparisons difficult. This is even more true in the case of Europe where the proportion of students outside the 20 to 24 year age-group varies considerably from country to country.

#### 4. Distribution of student population by sex

The first fact which emerges from Table 5 is that the proportion of female students in higher education is constantly increasing in almost all European countries. In 1970 it was less than 30% in only 6 countries (Austria, Netherlands, Spain, Federal Republic of Germany, Iceland and Switzerland) as against 9 in 1965 and 15 in 1960. Women students represent 45-50% of the total student population in 4 countries (Bulgaria, USSR, Finland and Poland), 40-45%

in 5 countries (France, Portugal, Romania, Hungary and Sweden) and 30-40% in 13 others.

If we now look at enrolment ratios by sex, i.e. the number of women students, on the one hand, and of male on the other, in relation to the population in the 20 to 24 year age-group of the corresponding sex (Table 5), the discrepancies in Europe are still fairly considerable. This indicator gives us a truer picture of female enrolment which is distinct from the percentage of women students. Thus in Sweden and Portugal the percentage of women students is very high but female enrolment ratios differ widely: in 1970 19.1% in Sweden and 6.2% in Portugal.

The stabilization or even falling-off in students numbers between 1965 and 1970 in certain countries such as Bulgaria, Czechoslovakia, Hungary, Poland and the USSR is reflected in a drop in the enrolment ratio. However this decrease is more marked in male enrolment ratios. In the USSR, for example, the male enrolment ratio was 25.1% in 1970 as compared with 32.5% in 1965 whereas the female enrolment ratio only fell from 26.5 to 24.8% over the same period.

Although the two enrolment ratios are similar in a number of countries, in others the difference is very marked. In Switzerland, for example, the male enrolment ratio is 3.4 times higher than that for women. A considerable difference can also be found in Iceland, Spain, the Federal Republic of Germany, the Netherlands and Austria, among other countries.

It should be noted that in spite of the discrepancies which still exist, the gap between the two enrolment ratios is much less marked in 1970 than it was in 1960. Sufficient indication is found in the fact that in 1960 the male enrolment ratio in 20 European countries was at least twice as high as the female ratio. The reduction in these discrepancies corresponds to a more rapid increase in the number of women students during the decade.

#### 5. Foreign students and enrolment ratio

Over 40% of the world total<sup>1</sup> of students studying abroad are enrolled in higher education institutions in European States. Apart from the Holy See, the highest proportion of foreigners in the student population is found in Switzerland (22.5%), Ireland (15%), Austria (13.4%) and Belgium (12.1%) in university education. In only a few other countries does this proportion exceed 5%, although France, the Federal Republic of Germany, the United Kingdom, Italy, the USSR and Spain between them have, at the present time, more than 130,000 foreign students — slightly more than 60% of the European total. However, some of the major host countries seem to have reached a maximum level: the number of foreign students in these countries has not increased substantially in the last few years and, generally speaking, the relative size of the foreign student population is decreasing. Certain countries

1. Arrived at on the basis of figures produced by the annual survey carried out by the Unesco Office of Statistics.



Table 5 — Male (M) and female (F) enrolment ratio<sup>1</sup> and percentage of women among the student population

Country/Pays	Enrolment ratio (%) <sup>1</sup> Rapport de scolarisation (%) <sup>1</sup>						Female students as percentage of total enrolment % de femmes parmi les effectifs		
	1960		1965		1970		1960	1965	1970
	M	F	M	F	M	F			
Albania/Albanie	7.5	1.5	12.6	3.7	20.0	10.0	17	22	32
Austria/Autriche	12.0	3.8	13.4	4.4	16.7	7.2	23	24	29
Belgium/Belgique	13.3	4.8	19.5	10.0	23.7	14.0	26	33	36
Bulgaria/Bulgarie	12.5	8.5	19.0	15.0	13.8	14.7	40	43	51
Czechoslovakia/Tchécoslovaquie	14.3	7.5	17.0	10.7	12.7	8.0	34	38	38
Denmark/Danemark	14.1	6.6	17.4	9.8	22.7	13.8	31	35	37
Finland/Finlande	7.8	6.9	10.9	11.0	12.7	12.3	46	50	48
France	8.6	6.2	15.6	12.2	17.3*	14.7*	41	42	45*
German Democratic Republic République démocratique allemande	10.8	3.7	13.7	4.9	19.0	10.9	25	26	36
Federal Republic of Germany République fédérale d'Allemagne	9.2	2.9	12.9	4.3	19.6	7.6	23	24	27
Greece/Grèce	5.9	1.9	13.4	6.2	14.2	6.8	25	32	32
Hungary/Hongrie	9.0	4.2	15.3	9.9	11.4	8.8	33	39	43
Iceland/Islande	8.9	2.4	10.5	3.5	11.7	4.2	21	24	25
Ireland/Irlande	11.1	4.9	16.0	7.3	15.9	8.5	30	30	34
Italy/Italie	9.7	3.7	15.8	8.0	21.1	13.1	27	34	38
Malta/Malte	3.3	1.5	6.1	3.1	8.1	3.9	38	38	34
Netherlands/Pays-Bas	19.3	6.9	24.4	8.7	27.8	11.1	26	25	28
Norway/Norvège	8.9	4.8	13.7	7.5	21.4	9.9	34	34	35
Poland/Pologne	10.9	7.3	18.7	16.3	14.3	13.4	40	46	47
Portugal	5.1	2.0	6.7	3.5	8.4	6.2	30	37	44
Romania/Roumanie	6.1	3.0	11.8	7.8	11.0	8.6	34	39	43
Spain/Espagne	6.0	1.9	8.9	2.5	12.4	4.7	24	23	27
Sweden/Suède	11.4	6.6	15.1	11.0	24.9	19.1	36	41	42
Switzerland/Suisse	8.6	1.8	9.6	2.5	13.4	3.9	17	20	23
Union of Soviet Socialist Republics Union des républiques socialistes soviétiques	12.5	9.5	32.5	26.5	25.1	24.8	44	44	49
United Kingdom/Royaume-Uni	13.4	4.4	16.6	7.0	18.0	9.5	24	29	34
Yugoslavia/Yougoslavie	12.0	5.1	17.3	8.8	18.2	12.3	29	34	39

1. Number of students in relation to the population in the 20 to 24 year age-group.

differ from the rest in that their students go abroad to study. This applies particularly to Luxembourg as almost all its students study abroad. In the case of Greece and Iceland the number of students abroad is equal to more than 20% of those enrolled in institutions of higher education in those countries themselves; the proportion continues to fall in Norway where it went down from 15% in 1965 to less than 7% in 1970.

In order to calculate the enrolment ratio for national students only, both foreign students in the country and national students abroad must be taken into account. In order to show the effect of these two factors, the enrolment ratio has been calculated in Table 6 in three different ways: the first column gives the total enrolment (national plus foreign students) in each country; the second column shows only nationals enrolled in their own countries; and the third column shows the total number of national students, including those abroad.

It has already been mentioned that almost all Luxembourg students in higher education are studying abroad; this is clearly brought out in the table. The number of students enrolled abroad is also a significant factor in the case of Greece, Iceland and, to a lesser extent, Norway. In the countries in which there is a fairly high proportion of foreign students (Switzerland, Austria and Ireland), the ratio which takes account only of national students is substantially different from the overall ratio. Finally, it can be seen that in the majority of countries covered, the two factors (foreign students and students abroad) have no significant effect on the enrolment ratio.

## 6. Distribution of student population by age

Data on the age structure of the student population are available for only a few countries. However, such informa-

Table 6 — Student population as a percentage of the total population in the 20 to 24 year age-group

Country/Pays	National and foreign students enrolled in the country <sup>1</sup> Effectifs nationaux et étrangers dans le pays <sup>1</sup>		National students enrolled in the country <sup>1</sup> Effectifs nationaux dans le pays <sup>1</sup>		National students enrolled in the country and abroad <sup>1</sup> Effectifs nationaux dans le pays et à l'étranger <sup>1</sup>	
	1965	1970	1965	1970	1965	1970
Austria/Autriche	9.0	12.0	7.3	10.3	7.6	10.7
Belgium/Belgique	14.8	19.0	13.8	17.7	13.9	18.0
Bulgaria/Bulgarie	17.0	14.3	16.9	14.0	17.2	14.3
Czechoslovakia/Tchécoslovaquie	13.9	10.4	13.6	10.1	13.6	10.3
Denmark/Danemark	13.7	18.4	13.5	18.0	13.7	18.1
Finland/Finlande	11.0	12.5	10.9	12.5	11.2	12.7
France	14.0	16.0	12.9	15.2	13.2	15.4
Federal Republic of Germany République fédérale d'Allemagne	8.8	13.8	8.2	13.0	8.4	13.3
Greece/Grèce	9.8	10.6	9.5	9.8	11.0	11.7
Hungary/Hongrie	12.6	10.1	12.5	9.9	12.8	10.1
Iceland/Islande	7.0	8.1	6.7	7.8	9.4	9.7
Ireland/Irlande	11.7	12.2	10.0	10.5	10.4	11.0
Italy/Italie	11.9	17.2	11.7	16.8	11.9	17.0
Malta/Malte	4.5	5.9	4.4	5.8	4.9	6.3
Netherlands/Pays-Bas	16.7	19.6	16.6	19.5	16.9	19.7
Norway/Norvège	10.7	15.8	10.6	15.7	12.1	16.8
Poland/Pologne	17.5	13.8	17.4	13.6	17.5	13.8
Portugal	5.0	7.3	5.0	7.2	5.1	7.3
Romania/Roumanie	9.8	9.8	9.8	9.8	9.8	9.8
Spain/Espagne	5.6	8.5	5.3	8.1	5.4	8.2
Sweden/Suède	13.1	22.1	12.9	21.4	13.1	21.6
Switzerland/Suisse	6.2	8.7	4.5	6.7	4.8	7.2
USSR/URSS	29.5	25.0	29.5	25.0	29.5	25.0
United Kingdom/Royaume Uni	11.9	13.9	11.2	13.3	11.5	13.5
Yugoslavia/Yougoslavie	13.1	15.3	13.0	15.1	13.0	15.3

1. As a percentage of the population in the 20 to 24 year age group.

tion as is available reveals certain differences in that structure which indicate how important it is to exercise caution with regard to enrolment ratios calculated on the basis of the 20 to 24 year age-group. The age of admission to higher education, the duration of studies, the relative importance of different types of education (full-time and part-time, university and non-university, etc.) are all factors which explain this diversity.

Table 7 shows that although students aged between 20 and 24 years are in the majority in all countries, the proportion of such students varies between countries. Furthermore the size of this group in particular countries has sometimes changed considerably. In the Federal Republic of Germany, for instance, the proportion of students aged between 20 and 24 was 60% in 1970 as compared with 72% in 1961. It also emerges from this table (which, it must be remembered, only covers a limited number of countries) that the greatest discrep-

ancies between countries are to be found in the two categories at the ends of the age range, those relating, on the one hand, to students under 20 years and, on the other, to those aged 25 years or over. In certain countries such as Belgium, France, Greece, the Netherlands, Spain and England and Wales, the number of students under 20 years of age is fairly considerable although a decrease in the relative importance of this group can be seen during the last few years. Conversely, in other countries such as Austria, Denmark, the Federal Republic of Germany, Norway, Sweden (university education) and Switzerland, the proportion of students aged between 25 and 29 varies from 23 to 30%. Lastly it should be pointed out that in 1965 the relative number of students aged 30 years or over was 18.5% in Hungary and 20.7% in Yugoslavia. This percentage has, however, dropped appreciably in 1970 in these two countries and, as a result, the highest rate — 12.6% — is now found in Sweden (university-type education).



The age-structure of students admitted to higher education (new enrolments) can, to a certain extent, throw clearer light on the facts set out in the previous paragraph. Statistical data are available for 10 countries only at the present time and for no more than one or two years (Table 8). There is, however, an evident universality in the age of entry to higher education, the great majority of students entering at 18 in certain countries, in others at 19 or even 20. Probably owing to the facilities extended to adults in European countries to enable them to take higher education courses, an appreciable proportion of new students are 25 years or over; the figure ranges from 15 to 20% in Denmark, Greece, Hungary, Poland, Spain and Sweden, and exceeds 20% in Yugoslavia.

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

Tables 9 and 10 set out, respectively, average annual growth rates and the distribution of students by field of study. These two tables form the basis for the analysis of trends in each field of study in the various countries considered.

For England and Wales distribution by field of study is available only in respect of full-time students. Statistics concerning the non-university sector of higher education in Belgium are not yet available for recent years and the analysis accordingly relates mainly to the university sector. Data concerning France refer to university students only; certain specialized studies, such as engineering, are carried out in the "grandes écoles" and are covered insofar as data are available.

### 1. Humanities, education and fine arts

It should be noted that in certain countries, particularly those in which teacher training is provided at universities (France and Spain, for example), students are classified according to the subjects which they intend to teach. In certain countries the figures under "education" may thus refer only to pedagogical studies and physical education whereas in others they embrace the whole of teacher training.

#### (a) Humanities

As Figure 3 indicates, the proportion of students in this category has remained more or less stable or has gained ground in the majority of countries during the decade. The decrease is substantial only in Iceland, Finland, Switzerland and Hungary. In Hungary numbers of students enrolled in humanities decreased at a relatively high rate between 1965 and 1970 (see Table 9).

Generally speaking, numbers of students enrolled in these subjects are increasing faster than the student population as a whole. This is evident in Spain where the growth rate was 18.8% per annum between 1960 and 1970 and 22.3% per annum if the 1965-1970 period is considered.

Table 7 — Distribution of student population by age-group (as a %)

Country/Pays	Year Année	under 20 years moins de 20 ans	20-24 years 20-24 ans	25-29 years 25-29 ans	30 years and over 30 ans et plus
Austria/Autriche	1965	15	63	17	5
	1970	13	56	23	8
Belgium/Belgique	1960	32	56		11
	1968	35	55		10
Bulgaria/Bulgarie	1971	14	61	16 <sup>1</sup>	9 <sup>1</sup>
Denmark/Danemark	1970	6	59	27	8
France <sup>2</sup>	1960	21	55	16	8
	1965	27	52	14	7
	1970	22	59	13	7
Federal Republic of Germany Rép. fédérale d'Allemagne	1961	5	72	20	4
	1970	9	60	25	6
Greece/Grèce	1970	23	56		21
Hungary/Hongrie	1965	17	50	15	19
	1970	20	56	14	10
Netherlands/Pays-Bas <sup>3</sup>	1961	38	41		21
	1970	26	52	16	7
Norway/Norvège	1965	10	62	22	7
	1970	8	62		30
Poland/Pologne	1970	19	57		24
Spain/Espagne	1961	9	52	26	13
	1965	34	47	14	5
	1970	28	50	15	7
Sweden/Suède <sup>4</sup>	1966	5	61	22	12
	1969	7	55	26	13
Switzerland/Suisse	1970		64		28 9
England and Wales <sup>3</sup> Angleterre et Pays de Galles <sup>3</sup>	1965	37	50		13
	1970	32	54		15
Yugoslavia/Yougoslavie	1960	12	48	20	21
	1970	19	59	10	12

1. Aged 25-28 years and 29 years or over.

2. Universities only.

3. Full-time students only.

4. Universities and equivalent institutions only.

As a result, these students, who represented only 9% of the total in 1960, make up 20% of it in 1970. A change of the same order can also be seen in Czechoslovakia, Denmark and Italy.

The very high percentages in England and Wales and in France are due to the fact that in the first case they include "education" and fine arts, and in the second "education" and certain subjects pertaining to the social sciences.

#### (b) Education (teacher training)

It is interesting to note in Figure 4 that in countries where the percentage of students enrolled in educational exceeded 15% in 1960, the proportion has decreased in 1970 or has remained stable, as in the German Democratic Republic and Hungary. In Czechoslovakia the figure has been halved (13% in 1970 as against 26% in 1960). The drop in Norway is slightly over-estimated since the percentage in 1970 is



Table 8 — Distribution of newly enrolled students, by age

Country/Pays	Year Année	18 years and under 18 ans et moins	19	20	21	22	23	24	25 and over 25 et plus
Austria/Autriche	1965	33.8	23.3	13.0	9.8	5.0	3.3	2.5	9.3
	1971	33.9	25.9	19.3	8.7	3.8	1.9	1.5	4.1
Denmark/Danemark	1971	2.2	17.5	20.7	13.8	9.2	8.0	6.1	17.5
Greece/Grèce	1965	34.8	24.0	13.7	7.9	4.4	2.8	← 12.4	
	1970	28.7	26.3	12.9	6.1	4.2	4.0	← 17.9	
Hungary/Hongrie - Total	1968	23.2	27.0	14.5	7.2	4.7	3.4	3.5	16.5
- cours du soir et correspondance	1968	0.3	5.1	8.8	10.1	9.6	8.3	9.4	48.5
- cours du jour	1968	34.2	37.6	17.2	5.8	2.4	1.1	0.7	1.0
Poland/Pologne	1965	32.2	18.1	8.3	4.8	3.6	3.3	3.1	26.4
	1971	3.5	40.8	14.1	8.9	6.3	5.2	3.8	17.2
Spain/Espagne	1970	34.3	16.6	12.0	8.5	6.0	4.5	3.2	14.8
Sweden/Suède <sup>1</sup>	1968	1.6	26.2	19.9	14.1	9.2	5.6	4.4	18.9
Switzerland/Suisse	1971	← 49.1 →			18.8	11.4	6.6	3.4	10.6
England and Wales <sup>2</sup> Angleterre et Pays de Galles <sup>2</sup>	1970	42.8	33.5	9.3	← 9.6 →				4.9
Yugoslavia/Yougoslavie	1970	6.3	26.9	19.0	10.7	7.0	5.2	3.8	21.1

1. Universities and equivalent institutions only.

2. Full-time students enrolled at universities only.

Fig. 3 - Humanities — Percentage of students

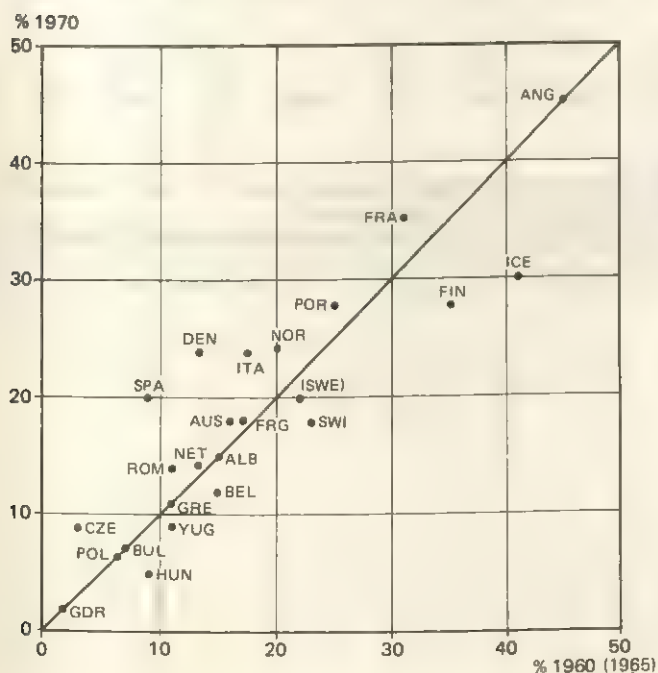


Fig. 4 - "Education" — Percentage of students

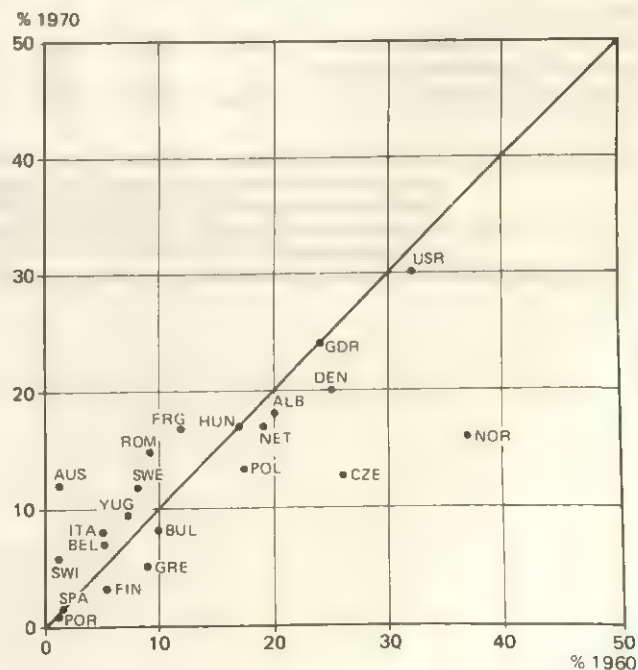


Table 9 — Average annual growth rates of enrolment by field of study (as a %)

Country/Pays	Humanities/Lettres			Education			Fine arts/Beaux-arts			Law/Droit		
	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70
Albania/Albanie	10.7	10.6	22.0	1.4	20.7	8.9	36.5	34.6	8.1	10.2	11.1	9.4
Austria/Autriche	5.8	6.0	5.6	40.1	22.0	72.0	3.4	4.7	1.2	0.4	3.6	-4.2
Belgium - Universities												
Belgique - Universités	6.9	8.9	5.0	12.5	14.9	10.2	—	—	—	12.2	9.0	15.6
- Total	...	8.9	...	...	4.7	...	...	9.5	...	...	9.0	...
Bulgaria/Bulgarie	4.8	8.3	1.4	3.6	19.5	-10.1	8.8	10.4	7.1	5.9	-0.5	12.7
Czechoslovakia/Tchécoslovaquie	14.9	...	...	-3.6	...	...	-0.1	...	...	10.9	...	...
Denmark/Danemark	15.9	19.8	12.1	7.1	7.4	6.8	10.2	4.8	15.8	11.2	18.5	4.3
Finland/Finlande	7.1	8.2	6.1	5.5	13.8	-2.2	5.3	4.7	5.8	10.7	15.9	5.7
France	13.3	15.4	11.2	—	—	—	—	—	—	15.1	13.9	11.4
German Democratic Republic												
République démocratique allemande	0.0	-2.5	2.7	3.4	6.4	0.4	2.6	-1.3	6.6	3.0	-4.9	11.5
Federal Republic of Germany												
République fédérale d'Allemagne	5.6	4.5	6.9	9.8	8.6	11.0	2.8	1.4	4.3	6.6	3.2	9.8
Greece/Grèce	10.0	14.4	5.8	3.4	5.2	1.6	9.8	18.6	1.6	8.9	13.8	4.1
Hungary/Hongrie	0.9	12.9	-9.9	6.0	17.6	-4.3	4.5	0.6	8.5	-0.8	0.6	-2.1
Iceland/Islande	4.8	9.2	1.4	—	—	—	—	—	—	5.0	7.4	3.2
Italy/Italie	13.9	17.2	10.6	16.0	13.9	18.1	13.5	11.1	15.9	2.3	-2.3	7.2
Netherlands/Pays-Bas	9.2	8.2	10.3	6.6	6.1	7.2	4.7	3.2	6.3	15.5	16.0	15.1
Norway/Norvège	15.8	...	...	4.2	...	...	14.1	...	...	12.8	...	...
Poland/Pologne	6.9	7.5	6.2	4.0	15.3	-8.2	2.8	4.1	1.3	4.2	6.1	1.9
Portugal	8.8	8.3	9.6	5.9	1.8	12.3	3.8	0.3	10.2	5.0	3.9	6.7
Romania/Roumanie	9.8	10.3	9.3	13.3	30.9	-2.0	10.3	16.0	4.9	6.6	7.9	5.4
Spain/Espagne	18.8	15.4	22.3	7.5	10.5	4.5	2.1	0.6	3.6	4.4	2.3	6.5
Sweden/Suède	...	...	9.9	16.8	20.9	12.9	2.1	0.5	3.8	13.9	7.8	20.2
Switzerland/Suisse	4.6	7.8	1.6	27.9	26.8	29.1	5.6	8.0	3.1	7.3	7.9	6.7
Union of Soviet Socialist Republics												
Union des républiques socialistes soviétiques	—	—	—	6.1	9.5	2.8	7.8	10.5	5.2	—	—	—
England and Wales												
Angleterre et Pays de Galles	10.6	12.3	8.4	...	...	...	...	...	...	...	...	...
Northern Ireland/Irlande du Nord	...	...	7.5	...	...	6.9	...	...	7.3	...	...	5.9
Yugoslavia/Yougoslavie	5.0	-1.9	11.0	8.3	21.2	-1.3	3.5	4.5	2.8	5.1	5.3	5.0

NOTES — France — Figures refer to students enrolled at universities only.

Distribution by field of study does not correspond strictly to the classification used and it should be noted, for example, that the social sciences are included; partly with humanities and partly with law (economics).

Norway — In 1968 certain institutions previously shown under vocational education at the second level were transferred to education at the third level.

Social sciences Sciences sociales			Natural sciences Sciences exactes et naturelles			Engineering Sciences de l'ingénieur			Medical sciences Sciences médicales			Agriculture		
1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70
6.3	11.6	8.8	10.4	25.7	11.0	9.3	1.0	21.0	10.7	9.1	11.9	11.8	10.8	17.8
5.6	5.9	5.2	6.0	5.1	7.3	0.3	0.4	0.3	3.5	5.7	0.3	2.8	5.3	-0.8
11.9	14.2	9.8	6.5	9.2	4.0	4.5	6.1	2.9	9.3	7.4	11.3	12.8	6.5	19.5
...	20.4	...	...	16.3	...	...	4.4	...	...	9.4	...	...	7.9	...
5.2	4.9	5.4	3.3	13.4	-5.8	8.3	14.0	2.8	4.1	5.2	3.1	-4.7	2.3	-11.2
6.8	...	...	13.2	...	...	3.1	...	...	3.3	...	...	3.6	...	...
11.2	9.5	12.8	15.2	22.5	8.3	3.4	3.4	3.4	7.3	9.8	4.8	3.6	5.8	1.6
13.4	11.8	15.0	14.2	16.6	11.8	10.6	8.5	12.8	4.8	7.2	2.5	6.8	6.8	6.9
...	...	...	6.3	12.0	0.9	-	-	-	11.3	10.3	12.2	-	-	-
3.0	-7.7	14.8	4.6	0.3	9.0	6.8	3.4	10.3	-3.0	1.7	-7.5	-3.3	-2.2	-4.4
5.2	8.1	2.4	7.7	3.7	11.8	3.6	4.1	3.2	2.8	5.2	0.5	5.8	1.3	10.6
10.9	16.0	6.1	15.2	25.1	6.1	9.4	13.1	5.9	11.2	14.4	8.0	12.4	22.1	3.4
13.2	25.7	2.0	4.4	14.3	-4.6	9.4	22.1	-2.0	1.1	3.1	-0.8	6.9	21.2	-5.7
14.6	8.0	20.2	-	-	-	10.3	17.7	4.7	7.5	6.8	8.2	-	-	-
6.3	8.2	4.5	11.0	9.7	12.3	9.9	8.3	11.6	11.0	4.0	18.6	9.5	3.7	15.7
13.4	11.4	15.3	8.7	9.7	7.7	5.5	5.2	5.8	7.9	7.9	7.8	8.4	9.7	7.1
34.6	...	...	7.8	...	...	22.0	...	...	13.5	...	...	2.4	...	...
9.1	10.8	7.0	9.2	11.3	6.6	8.6	9.7	7.3	0.8	0.3	1.4	8.3	10.3	6.0
14.7	18.1	9.7	3.2	5.5	-0.1	8.0	4.9	12.8	8.3	4.5	14.4	5.2	5.3	4.9
15.2	20.4	10.3	5.0	3.7	6.3	7.6	13.2	2.2	2.4	3.6	1.2	-0.6	5.0	-5.8
13.9	13.4	14.4	10.3	8.4	12.3	10.4	14.6	6.2	8.0	7.7	8.4	5.9	8.9	3.0
...	...	16.0	10.6	13.8	7.6	10.2	9.8	10.7	8.3	6.7	9.9	7.2	6.9	7.4
9.3	13.9	4.8	6.2	7.6	4.7	3.9	5.4	2.5	7.7	8.9	6.4	10.5	16.7	4.7
7.7	10.3	5.3	-	-	-	7.4	11.4	3.5	5.4	4.8	6.1	5.6	8.9	2.4
21.0	23.7	18.6	9.0	9.0	8.9	7.5	9.6	5.0	4.8	4.0	5.8	7.1	3.2	12.2
...	...	15.4	...	...	10.0	...	...	4.1	...	...	3.3	...	...	-8.2
7.9	4.9	10.4	9.8	13.0	7.2	8.1	5.9	10.1	4.1	3.9	4.4	0.8	-5.6	6.5

USSR — Distribution by field of study is an estimate on the basis of the actual classification used.

England and Wales — Full-time students only. Education and fine arts are included with humanities and law with social sciences.



Table 10 — Distribution of student by field of study (as a %)

Country/Pays	Humanities Lettres			Education			Fine arts Beaux-arts			Law Droit			Social sciences Sciences sociales			Natural sciences Sciences exactes et naturelles			Engineering Sciences de l'ingénieur			Medical sciences Sciences médicales			Agriculture Agriculture		
	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970	1960	1965	1970
Albania/Albanie	15	13	15	20	27	18	1	2	1	6	5	4	12	11	8	9	15	12	16	9	11	8	8	6	11	10	10
Austria/Autriche	16	18	18	1	2	12	3	4	3	12	12	8	15	16	16	7	8	8	27	21	18	15	17	14	3	3	3
Belgium - Universities	15	14	12	5	6	7	—	—	—	9	8	11	19	23	24	13	12	10	13	11	8	24	22	23	3	3	4
Belgium - Universités	9	8	...	20	15	...	4	4	...	5	5	...	13	22	...	8	10	...	19	14	...	20	19	...	2	2	...
Bulgaria/Bulgarie	7	7	7	10	14	8	2	2	3	2	1	3	14	11	15	8	9	7	28	35	40	9	7	8	14	10	5
Czechoslovakia/Tchécoslovaquie	3	...	9	26	...	13	2	...	1	3	...	5	6	...	9	2	...	5	37	...	36	11	...	11	10	...	10
Denmark/Danemark	13	20	24	25	21	20	3	2	3	5	7	6	11	11	13	4	6	6	20	14	11	15	15	13	3	3	2
Finland/Finlande	35	32	28	5	6	3	2	1	1	4	5	5	20	21	27	11	15	17	9	9	10	9	8	6	3	3	2
France	31	33	35	—	—	—	—	—	—	17	21	23	...	...	...	30	27	18	—	—	—	22	19	21	—	—	—
German Democratic Republic	2	2	2	24	30	24	3	2	2	3	2	3	16	10	15	8	7	9	23	25	32	13	13	7	9	7	5
République démocratique allemande	17	17	18	12	14	17	3	2	2	6	6	7	10	11	9	11	10	13	28	27	23	12	12	9	2	1	2
Federal Republic of Germany	11	11	11	9	6	5	2	2	2	14	13	13	28	29	30	8	12	12	7	6	6	16	15	17	4	5	5
Greece/Grèce	9	8	5	17	19	17	2	1	2	9	4	4	5	8	10	7	6	6	26	32	34	15	8	9	12	15	13
Hungary/Hongrie	41	42	30	—	—	—	—	—	—	18	17	13	12	12	20	—	—	10	4	6	5	24	22	21	—	—	—
Iceland/Islande	17	25	24	5	6	8	3	3	4	17	10	9	23	22	17	11	11	12	11	11	11	12	9	13	2	1	2
Italy/Italie	13	13	14	19	18	17	7	6	5	3	4	6	10	12	17	6	7	7	28	25	22	6	7	6	3	3	3
Netherlands/Pays-Bas	20	27	24	37	28	16	1	1	1	5	5	5	3	5	16	13	15	8	10	9	20	8	6	8	3	2	1
Norway/Norvège	7	6	7	17	23	13	3	2	2	5	4	4	13	14	16	4	5	6	28	29	35	16	10	9	7	8	9
Poland/Pologne	25	27	28	1	1	1	5	3	3	12	10	9	9	16	16	19	17	12	10	8	10	15	13	16	2	2	2
Portugal	11	10	14	9	18	15	2	3	3	4	3	4	7	10	14	13	8	10	29	30	28	11	7	7	13	9	6
Romania/Roumanie	9	12	20	1	1	1	13	9	7	16	12	10	7	9	11	15	15	16	13	17	14	22	21	19	3	3	2
Spain/Espagne	...	22	20	8	11	12	3	2	1	5	4	5	...	28	33	12	12	10	13	11	10	12	9	8	2	1	1
Sweden/Suède	23	22	18	1	2	6	3	3	3	9	8	9	14	17	17	19	18	17	13	11	10	16	16	17	2	2	2
Switzerland/Suisse	—	—	—	32	31	30	1	1	1	—	—	—	7	7	7	—	—	—	43	45	45	8	6	7	10	10	9
Union of Soviet Socialist Republics	45	47	45	...	...	...	...	...	...	...	...	...	8	14	19	17	15	15	19	17	14	9	6	5	2	1	1
soviétiques	...	20	21	...	22	22	...	4	4	...	2	2	...	9	13	...	14	16	...	17	14	...	8	7	...	4	2
England and Wales	11	7	9	7	15	9	3	3	2	11	11	10	24	23	28	4	5	5	21	21	25	9	9	7	9	5	5
Angleterre et Pays de Galles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Ireland/Irlande du Nord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yugoslavia/Yougoslavie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTES — France — Figures refer to students enrolled at universities only. Distribution by field of study does not correspond strictly to the classification used and it should be noted, by example, that the social sciences are included, partly, with humanities and partly with law (economics).

Norway — In 1968 certain institutions previously shown under vocational education at the second level were transferred to education at the third level.

USSR — Distribution by field of study is an estimate on the basis of the actual classification used.

England and Wales — Full-time students only. Education and fine arts are included with humanities and law with social sciences.

calculated in relation to a total number of students which is not strictly comparable with the 1960 figure\*

With the exception of Bulgaria, Greece and Finland, the proportion of students in education has increased in the countries where it was relatively low in 1960. In Switzerland it has risen from 1 to 6% and in Austria, following the recent establishment of teacher training institutions, from 1 to 12%.

In most countries, the annual growth rate for these students (Table 9) was lower in 1965-70 than in the preceding period. This falling-off is, for example, clearly marked in Albania since from 1965 onwards growth has been only 9% per annum as against 20.7% per annum between 1960 and 1965. In other countries such as Romania, Yugoslavia, Hungary, Poland and Bulgaria, very rapid growth between 1960 and 1965 (between 15 and 30% per annum) has been followed, in absolute terms, by a drop in the number of these students between 1965 and 1970.

The high growth rate noted in Austria is accounted for by the establishment in 1966 of teacher training colleges.

### (c) Fine arts

Students in this category represent only a low percentage of the total but it should be noted that in certain countries, such as the Federal Republic of Germany and Sweden, architecture is included with engineering. In 1970 the proportion of these students was less than 3% in all countries with the exception of Italy (4%), the Netherlands (5%) and (Spain 7%). The variations are therefore, minor although in almost all countries a decrease in the relative importance of this category can be seen between 1960 and 1970. It has been very marked in Spain, the proportion of fine arts students dropping from 13% in 1960 to 7% in 1970. Other changes involve only small percentages and for this reason graphs have not been shown.

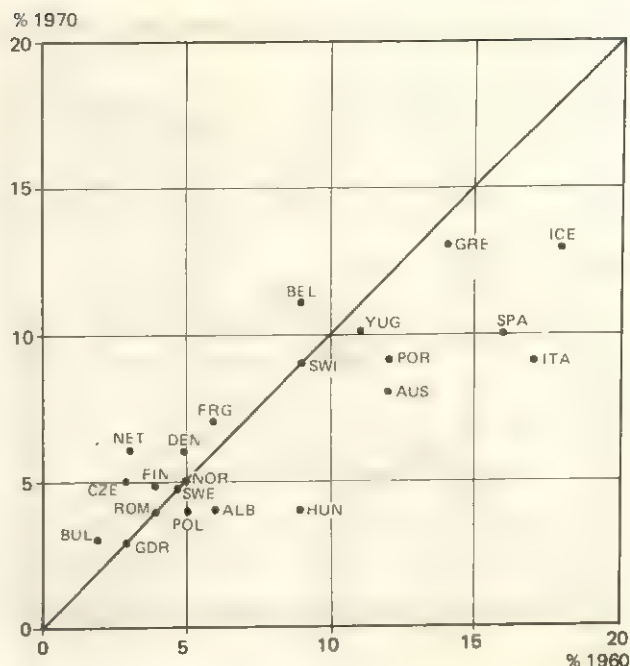
## 2. Law and social sciences

In France, as already indicated, certain subjects pertaining to the social sciences are studied in faculties of letters and human sciences and have thus been included with humanities. In addition, the statistics concerning law and economics in this country are shown together and it seemed more appropriate to analyse them under "social sciences" rather than under "law". The same procedure has been adopted for the USSR, i.e. the figures for the social sciences refer only to law and economics. In England and Wales law students are classified under social sciences.

### (a) Law

The place held by law studies in higher education has steadily diminished in countries where it was important in 1960, with the single exception of Belgium (university education) (Figure 5). This decrease is very marked in Iceland, Spain, Italy, Portugal, Austria and Hungary. In

Fig. 5 - Law — Percentage of students



the two last-mentioned countries the number of these students is lower in 1970 than it was in 1965 and their relative importance in Hungary is only 4% as against 9% in 1960.

In Spain and Italy the number of students in this category increased between 1960 and 1970 by no more than 4.4 and 2.3% per annum respectively (Table 9) whereas the overall growth of the student population reached almost 10% per annum.

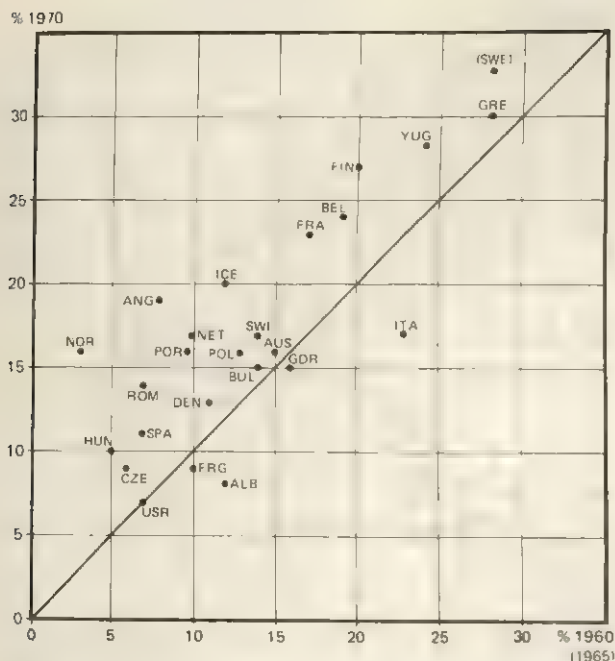
In most of the countries where the proportion of these students was fairly low in 1960 (Bulgaria, Czechoslovakia, Finland, Netherlands, Denmark and Federal Republic of Germany), it has, on the whole, increased. In 1970, however, these students represent less than 7% of the whole student population in these countries, as well as in seven other States.

### (b) Social sciences

Figure 6 and Table 9 highlight the considerable expansion of the social sciences in Europe since 1960. The growth in the number of students in this category is equal to or exceeds the overall growth of the student population in all countries with the exception of Albania and Italy. In England and Wales the number of full-time social science students grew on an average by 21% per annum between 1960 and 1969 and, as a result, their share in the total

\* As from 1968 higher education statistics have included certain vocational education institutions which were not counted previously. If these institutions are excluded from the total, the percentage of students enrolled in education drops from 37% in 1960 to 21% in 1970.

Fig. 6 - Social sciences - Percentage of students



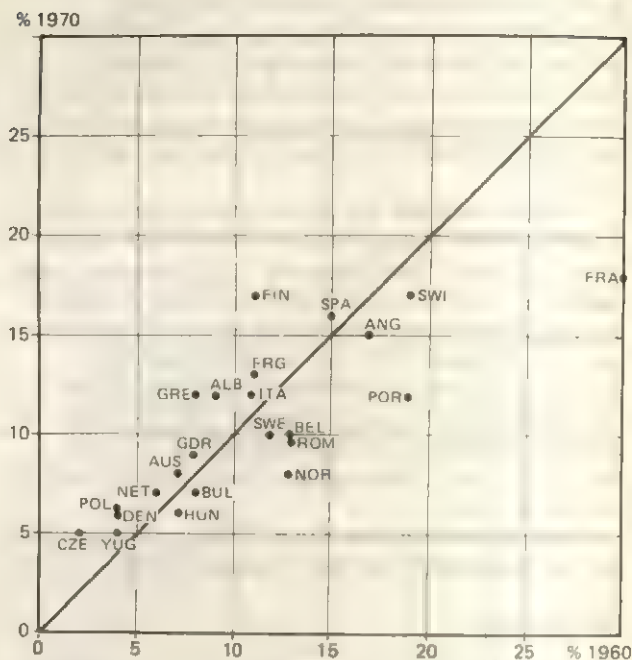
number of students rose from 8% in 1960 to 19% in 1970. The even greater growth in Norway is no doubt slightly over-estimated for the reasons already indicated. In Hungary and Romania, the percentage of these students doubled during the decade. It has increased even in those countries where it was already considerable in 1960. Thus in 1970 the proportion of social science students reached 33% in Sweden, 30% in Greece, 28% in Yugoslavia and 27% in Finland. In Belgium (university education) the figure is 24% while in France students in faculties of law and economics represent 23% of university enrolment as compared with 17% in 1960.

As has already been indicated, this rapid expansion is not seen in Albania or Italy. In fact, whereas in comparison with the 1960-65 period the whole of higher education in these countries has shown more rapid growth between 1965 and 1970, a falling-off can be noted in the growth of the number of social science students. In 1965-70 this increased by only 8.8% per annum in Albania and 4.5% per annum in Italy whereas the overall growth rate was 16.1 and 11% per annum respectively. The percentage of students enrolled in the social sciences in Italy has thus dropped to 17% as compared with 23% in 1960.

### 3. Natural sciences

Among the ten countries where enrolments in natural sciences dropped between 1960 and 1970, four (France, Switzerland, England and Wales and Portugal) showed the highest percentages in 1960 (Figure 7). This drop was considerable in France (18% in 1970 as against 27% in 1965 and 30% in 1960) and occurred more especially

Fig. 7 - Natural sciences - Percentage of students



between 1965 and 1970: during this period numbers of students in this category increased by barely 1% per annum (Table 9). In the case of many of these ten countries it is interesting to compare this falling-off with the increase in numbers of students enrolled in the social sciences and humanities. Since 1965, in fact, enrolment growth rates are higher in the social sciences than in natural sciences in all countries with the exception of Albania, Austria, the Federal Republic of Germany and Italy.

In general, the growth in the number of natural science students was greater during the 1960-1965 period. Even if we consider those countries in which the relative importance of this group has increased fairly appreciably between 1960 and 1970 (Finland, Greece and Albania) it can be seen that this increase was more marked between 1960 and 1965.

### 4. Engineering and agriculture

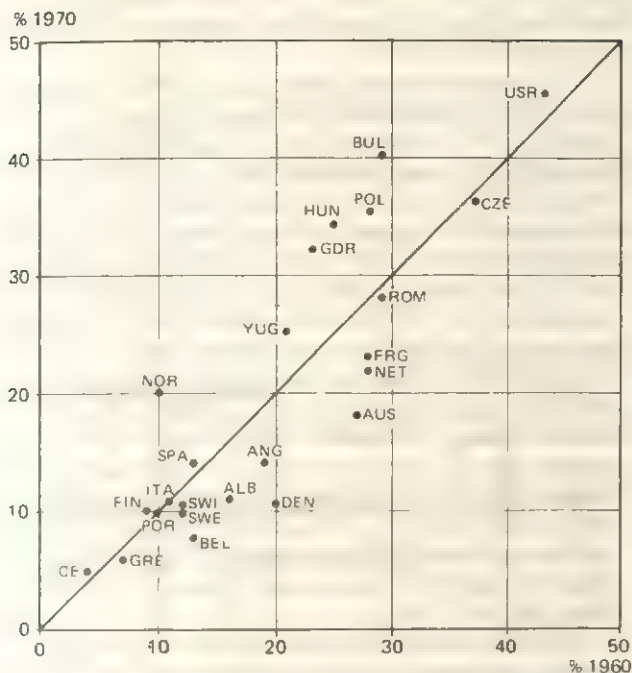
In France engineering studies are pursued outside the universities although certain specializations classified under "sciences" can be regarded as forming part of engineering. Available information indicates that the number of students enrolled in engineering schools in France rose from 26,500 in 1965 to about 30,400 in 1969. It should, however, be noted that a proportion of these students (some 30%) are also enrolled in the universities.

#### (a) Engineering

In six countries (USSR, Bulgaria, Czechoslovakia, Poland, Hungary and the German Democratic Republic) students



Fig. 8 - Engineering - Percentage of students



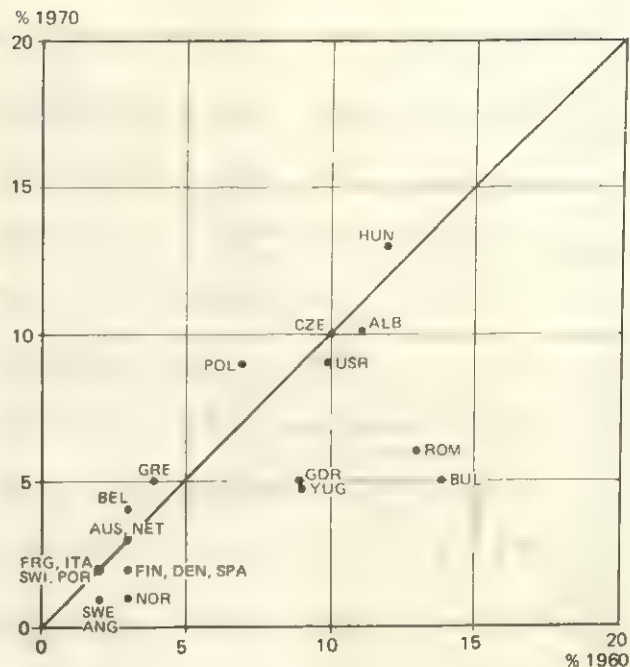
in this group of subjects represent between 32 and 45% of the total number of students in 1970 (Figure 8). In five of these countries — the exception being Czechoslovakia — and in Yugoslavia and Norway as well, this proportion increased between 1960 and 1970. The expansion was at times very marked as in Norway, the German Democratic Republic, Hungary and Bulgaria. The rate of growth in the number of these students (Table 9) was particularly high in this group of countries as compared with the overall growth of the student population.

In the other 17 countries we find either stabilization (Czechoslovakia, Romania, Spain, Italy, Finland, Portugal, Greece and Iceland) or a decline (Federal Republic of Germany, Netherlands, Austria, England and Wales, Albania, Switzerland, Sweden, Denmark and Belgium) in the relative importance of this category. It should, however, be noted that in Albania this drop occurred between 1960 and 1965 and a slight increase can be seen between 1965 and 1970 following a considerable development in the number of these students (21% per annum).

#### (b) Agriculture

In 1970 the proportion of students in agriculture was less than 6% in all European countries with the exception of the USSR (9%), Poland (9%), Czechoslovakia (10%), Albania (10%) and Hungary (13%). Increases noted in this proportion are few and of little significance and the general trend that emerges, as a whole, is towards a decline in the relative importance of this category (Figure 9). This decrease has been very clearly marked in Bulgaria (5% in 1970 as against 14% in 1960), in Romania (6% in 1970 as

Fig. 9 - Agriculture - Percentage of students



against 13% in 1960), in Yugoslavia and in the German Democratic Republic; in three of these countries the number of students in agriculture dropped in absolute terms between 1960 and 1970.

#### 5. Medical sciences

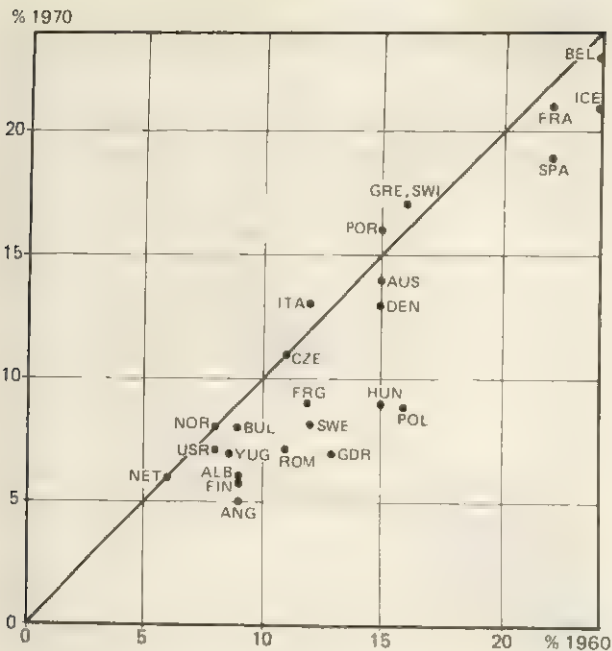
The decline in the proportion of students enrolled in medical sciences is one of the most significant features of the distribution by field of study (Figure 10).

In the first group of countries (Belgium, France, Iceland and Spain) the proportion of students in this category is very high: between 19 and 23% in 1970. It has dropped as compared with 1960 but by a fairly small percentage in Belgium and France. In these two countries, contrary to what has been seen with regard to the whole student population, the number of students in medicine grew more rapidly between 1965 and 1970 than during the 1960-65 period.

In the second group of countries (Switzerland, Greece, Portugal, Austria, Denmark, Italy and Czechoslovakia) the proportion of students enrolled in this category varies between 11 and 17% in 1970. Between 1960 and 1970 it remained stable in Czechoslovakia and dropped slightly in Austria and Denmark. The remaining countries are the only ones in Europe where an increase — although slight — can be seen in this percentage.

Lastly, in the third group consisting of 14 countries where medical students represent less than 10% of overall numbers in 1970, it can be seen that this percentage has sometimes decreased appreciably between 1960 and 1970.

Fig. 10 - Medical sciences — Percentage of students



## 6. Female students by field of study

Table 11 shows the proportion of female students by field of study\*. These data enable a clearer picture to be gained of female enrolment in higher education insofar as they reveal certain differing trends in studies according to sex.

In both 1960 and 1970 female enrolment was much more marked in humanities or education (teacher training) in all countries, the important exception being Poland where it was greater in medical sciences. The percentage of women among humanities students is, in certain countries, twice as high as the overall female enrolment rate; this is particularly the case in Belgium, Greece, Italy and Spain. The same observation applies to education, for example, in the Federal Republic of Germany and Sweden. It can also be seen that the female enrolment rate in these two fields of study has gained ground in almost all countries. Only in Spain was there a fairly marked decrease in respect of humanities — 56% in 1970 as compared with 62% in 1960. In Switzerland, Spain and Greece there was also a decline in the figure in respect of "education", but the number of students in this category is very limited in these countries.

In 13 countries (Portugal, Bulgaria, USSR, Poland, Hungary, Sweden, Yugoslavia, Romania, Austria, Greece, Federal Republic of Germany, Netherlands and German Democratic Republic) female enrolment is relatively important in the fine arts, i.e. it is equal to or higher than the overall enrolment rate. Between 1960 and 1970 it dropped in Austria and Greece and, less obviously, in the Federal Republic of Germany and the Netherlands, while

it increased in all other countries. It should be noted, lastly, that the percentage of women among students in fine arts which was extremely high in Spain in 1960 (57%) dropped to 24% in 1970.

In 1970 the female enrolment rate in medical sciences exceeds 50% in the following countries: Poland (76%), Romania (63%), Bulgaria (62%), Yugoslavia (60%), Hungary (56%), Czechoslovakia (56%) and the USSR (56%). In relation to overall enrolment it is also fairly high in Portugal (47%), Albania (46%) and Denmark (38%). This proportion has increased or remained stable in all European countries with the exception of the Federal Republic of Germany (26% in 1970 as compared with 34% in 1960) and Austria (29% in 1970 as compared with 31% in 1960).

As regards the natural sciences, the percentage is also very high in certain countries such as Bulgaria, Poland, Romania, Hungary, Yugoslavia and Czechoslovakia. It is, however, relatively very low in other countries such as the Netherlands (14%), Norway (16%), the Federal Republic of Germany (19%), Greece (20%), Denmark (22%), England and Wales (22%) and Sweden (23%) and there was no very appreciable increase in this proportion between 1960 and 1970.

Female enrolment rates in law studies which were, in general, very low in 1960 have increased in all countries with the exception of the Netherlands and Austria. The increase was considerable in many countries and in certain of these (Spain, Iceland, Hungary, Albania and Portugal) the rates have at least doubled during the decade.

The increase in the proportion of women students has also been considerable in the social sciences. However, as in the case of law, this has not occurred in the Netherlands and Austria, not has it in the Federal Republic of Germany. The rates have doubled, or nearly so, in 9 countries: Hungary, Poland, Albania, Greece, Belgium, Italy, Switzerland, Iceland and Norway.

In the USSR and Bulgaria the proportion of women among engineering students exceeds 35%. In another group of countries (Poland, Hungary, Romania, Yugoslavia, Albania, Czechoslovakia, Portugal and the German Democratic Republic) this percentage varies in 1970 between 12 and 21%, representing an appreciable increase as compared with 1960. In all other countries, the female enrolment rate is extremely low: under 6%. Certainly there has been some increase since 1960 but this does not appear to be very significant. The distinguishing feature of this field of studies is, thus, a male student enrolment rate of over 80% in all European countries, with the exception of the USSR and Bulgaria where the discrepancy between male and female enrolment is less pronounced.

Lastly it can be seen that in almost all countries the proportion of women students in agriculture is much higher than in engineering and has moreover increased appreciably between 1960 and 1970.

\* This proportion will also be termed "female enrolment rate".

Table 11 — Proportion of female students by field of study (as a %)

Country/Pays	Humanities				Education		Fine arts		Law		Social sciences		Natural sciences		Engineering		Medical sciences		Agriculture	
	Total	Lettres	Education	Education	Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales	Sciences	Sciences	Sciences naturelles	Sciences de l'ingénieur	Sciences médicales	Sciences	Sciences	Agriculture	Agriculture	
	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970	1960	1970
Albania/Albanie	17	32	26	35	22	38	17	26	10	22	17	39	23	37	4	15	28	46	2	11
Austria/Autriche	23	29	49	49	46	61	53	43	15	15	22	19	27	27	3	5	31	29	7	11
Belgium/Belgique - total	26	36	39	...	56	...	17	...	15	...	17	...	25	...	5	...	28	...	1	...
Universities/Universités	19	29	39	51	33	44	—	—	15	26	14	25	25	34	1	2	19	29	1	8
Bulgaria/Bulgarie	40	51	63	74	46	63	46	51	33	42	40	56	59	69	26	35	57	62	34	51
Czechoslovakia/Tchécoslovaquie	34	38	43	59	62	74	31	34	28	39	28	44	49	46	12	15	55	56	19	25
Denmark/Danemark	31	37	56	55	53	59	30	27	23	31	9	12	20	22	2	3	37	38	4	13
Finland/Finlande	46	48	72	75	51	62	27	32	17	30	41	46	34	40	2	6	42	43	29	42
France (1960-1967)	41	43	61	66	—	—	—	—	29	30	...	...	32	32	—	—	32	35	—	—
German Democratic Republic	25	36	...	36	...	56	...	38	...	31	...	30	...	28	...	12	...	57	...	30
République démocratique allemande																				
Federal Republic of Germany	23	27	38	44	62	61	41	40	11	13	14	13	13	19	1	2	34	26	9	25
République fédérale d'Allemagne																				
Greece/Grèce	25	32	53	68	49	45	45	41	28	38	15	29	16	20	3	6	25	28	6	14
Hungary/Hongrie	33	43	51	65	61	76	39	47	20	46	30	60	50	52	10	20	46	56	12	19
Iceland/Islande	21	25	41	47	—	—	—	—	6	15	4	19	—	26	—	3	7	10	—	—
Italy/Italie	27	38	75	74	56	74	24	24	16	20	10	22	35	36	1	1	18	20	2	5
Netherlands/Pays-Bas	26	28	36	41	41	43	41	40	26	20	31	29	12	14	1	6	21	21	8	13
Norway/Norvège	34	35	38	47	57	59	23	15	9	16	7	18	17	16	2	3	21	39	5	8
Poland/Pologne	40	47	56	71	55	70	42	48	29	45	32	60	53	60	15	21	68	76	30	39
Portugal	30	44	47	73	46	45	44	52	10	21	25	32	35	43	7	15	30	47	9	25
Romania/Roumanie	34	43	57	67	52	61	38	45	21	22	31	41	50	53	18	21	50	63	21	27
Spain/Espagne	24	27	62	56	63	55	57	24	7	19	11	16	21	30	1	1	21	27	0	8
Norway/Norvège	34	35	38	47	57	59	23	15	9	16	7	18	17	16	2	3	21	39	5	8
Poland/Pologne	40	47	56	71	55	70	42	48	29	45	32	60	53	60	15	21	68	76	30	39
Portugal	30	44	47	73	46	45	44	52	10	21	25	32	35	43	7	15	30	47	9	25
Romania/Roumanie	34	43	57	67	52	61	38	45	21	22	31	41	50	53	18	21	50	63	21	27
Spain/Espagne	24	27	62	56	63	55	57	24	7	19	11	16	21	30	1	1	21	27	0	8
Sweden/Suède	36	42	...	63	66	79	44	47	16	24	...	38	25	23	4	6	32	40	7	19
Switzerland/Suisse	17	23	37	42	64	44	12	16	9	15	10	19	12	18	1	2	17	21	5	10
Union of Soviet Socialist Republics																				
Union des républiques socialistes soviétiques	44	49	—	—	63	67	41	49	—	—	49	60	—	—	30	38	56	56	27	30
England and Wales	32	39	55	64	...	...	...	...	...	...	20	27	20	22	2	2	24	31	11	15
Angleterre et Pays de Galles	29	39	57	63	46	54	36	45	26	41	28	42	39	48	11	17	41	60	11	24
Yugoslavia/Yougoslavie																				

NOTES — France — Universities only. Economics are included with law and the other social sciences with humanities.  
England and Wales — Full-time students only. Education and fine arts are included with humanities and law with social sciences.

NOTES — France — Universities only. Economics are included with law and the other social sciences with humanities.  
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### III. GRADUATES

#### 1. Trends in the total number of graduates

As already indicated, graduates are classified according to three "stages of diploma" i.e. levels of qualification obtained:

**Stage A:** Diplomas and certificates not equivalent to a first university degree

**Stage B:** First university degrees or equivalent

**Stage C:** Degrees awarded to persons already possessing a first university degree or equivalent.

Table 12 is intended to show the types of qualification taken into consideration in the various countries as well as their relative importance. Several difficulties with regard to the comparability of these statistics at the European level emerge from this table.

As regards Stage C, this study does not take into account the distinction that can be made between higher university degrees (or equivalent) of the master's degree (Stage C<sub>1</sub>) and the doctorate type (Stage C<sub>2</sub>). This distinction is, however, sometimes useful in order to understand the classification of degrees and diplomas in many countries, particularly where criteria for the definitions of Stages B and C do not correspond exactly to those referred to above. Thus it can be seen that in certain countries, such as Hungary, Norway (university education), the Netherlands (university education) and Poland, Stage C<sub>1</sub> degrees represent the majority of awards conferred, largely owing to the fact that university or equivalent studies lead directly to higher university degrees (Stage C<sub>1</sub>). On the other hand in most countries the largest number of awards conferred are Stage B degrees. It should also be noted that data relating to doctorates (Stage C<sub>2</sub>) are not available for the following countries: German Democratic Republic, Bulgaria, Hungary, Romania, Czechoslovakia and the USSR. This is due mainly to the fact that such data are often included with manpower rather than educational statistics.

Insofar as the majority of Stage A diplomas are awarded by the non-university type of educational institution, it is clear that trends in their development cannot be analysed in instances (such as Norway, for example) where data are available only for university education.

Table 13 sets out growth rates in the number of graduates according to the stage of diploma awarded.

As regards Stage A, a very clear falling-off can be seen in the annual growth rate for the number of these diplomas during the 1965-1970 period in all countries except Austria and Denmark. In some countries there has even been a decrease in absolute terms. It is interesting to note that in general the majority of these diplomas relate to "education" (teacher training) and that the drop is particularly noticeable in this field of study. In the case of many of these countries we have already referred, in section II above, to the considerable reduction in the number of these students. As Stage B (or in some cases

**Table 12 — Distribution of higher education graduates by stage of diploma (as a %)**

Country/Pays	Year Année	Level/Niveau		
		A	B	C
Albania/Albanie	1960	24	76	—
	1968	28	72	—
Austria/Autriche	1960	3	65	32
	1970	4	65	31
Bulgaria/Bulgarie	1961	25	75	—
	1970	23	77	—
Czechoslovakia/Tchécoslovaquie	1960	—	100	—
	1970	—	100	—
Denmark/Danemark	1960	71	28	1
	1970	68	31	1
Finland/Finlande	1960	22	76	2
	1970	13	82	5
German Democratic Republic République démocratique allemande	1960	—	100	—
	1970	—	100	—
Federal Republic of Germany République fédérale d'Allemagne	1960	25	62	13
	1969	19	68	13
Greece/Grèce	1962	25	71	3
	1970	13	84	3
Hungary/Hongrie	1960	4	14	82
	1970	38	12	50
Iceland/Islande	1962	17	83	—
	1970	10	84	6
Ireland/Irlande	1960	17	67	16
	1965	11	67	22
Italy/Italie	1960	3	97	—
	1970	2	98	—
Netherlands/Pays-Bas	1965	72	13	15
	1971	60	14	26
Poland/Pologne	1966	52	9	39
	1970	43	15	42
Romania/Roumanie	1960	—	100	—
	1970	—	100	—
Spain/Espagne	1960	—	89	11
	1969	—	96	4
Sweden/Suède	1960	37	56	7
	1970	24	70	6
England and Wales Angleterre et Pays de Galles	1962	44	40	16
	1968	44	39	17
Yugoslavia/Yougoslavie	1961	43	55	2
	1970	53	44	3
<i>University education only/Enseignement universitaire seulement</i>				
Belgium/Belgique	1966	—	75	25
	1966	—	74	26
Norway/Norvège	1960	—	23	77
	1970	—	40	60
Switzerland/Suisse	1960	—	77	23
	1970	—	80	20
United Kingdom/Royaume-Uni	1966	—	69	31
	1970	—	69	31

Stage A: Diplomas and certificates not equivalent to a first university degree.  
 Stage B: First university degrees or equivalent.  
 Stage C: Degrees awarded to persons already possessing a first university degree or equivalent.

Table 13 — Average annual growth rates in numbers of graduates

Country/Pays	Level A/Niveau A			Level B/Niveau B			Level C/Niveau C		
	1960-1970	1960-1965	1965-1970	1960-1970	1960-1965	1965-1970	1960-1970	1960-1965	1965-1970
Albania/Albanie <sup>1</sup>	13.8	23.8	-1.1	10.7	11.8	8.8	—	—	—
Austria/Autriche	11.3	11.1	11.5	6.8	9.0	4.7	6.2	5.6	6.9
Bulgaria/Bulgarie	7.8	39.0	-12.0	9.4	9.7	9.1	—	—	—
Czechoslovakia/Tchécoslovaquie	—	—	—	6.8	12.8	1.2	—	—	—
Denmark/Danemark	6.3	5.3	7.4	8.2	4.8	11.7	0	-1.4	1.4
Finland/Finlande	1.6	7.1	-3.6	10.3	10.4	10.3	18.3	32.0	5.9
German Democratic Republic	—	—	—	5.0	7.5	2.5	—	—	—
République démocratique allemande	—	—	—	—	—	—	—	—	—
Federal Republic of Germany	—	—	—	—	—	—	—	—	—
République fédérale d'Allemagne	3.5	7.8	-1.6	8.5	5.9	12.0	6.6	1.3	13.8
Greece/Grèce	-1.2	2.7	-4.9	8.2	3.6	13.0	...	...	-2.6
Hungary/Hongrie	38.0	91.0	0.3	9.3	29.1	-7.4	5.0	10.5	-0.2
Iceland/Islande	4.5	5.2	4.0	11.3	8.6	12.9	—	—	—
Ireland/Irlande	...	0.5	...	...	9.4	...	...	16.2	...
Italy/Italie	6.2	9.2	3.2	10.9	5.9	16.2	—	—	—
Malta/Malte	...	...	8.5	...	...	22.0	...	...	15.8
Netherlands/Pays-Bas	...	...	1.6	...	...	6.5	...	...	14.8
Poland/Pologne <sup>2</sup>	13.7	30.0	2.2	...	...	...	10.1	8.2	11.6
Romania/Roumanie	—	—	—	10.6	14.0	7.3	—	—	—
Spain/Espagne	—	—	—	9.6	6.8	10.7	...	...	-3.2
Sweden/Suède	7.8	10.6	3.7	15.0	9.2	24.0	10.7	9.5	12.7
Union of Soviet Socialist Republics	—	—	—	—	—	—	—	—	—
Union des républiques socialistes soviétiques	—	—	—	7.5	5.8	9.2	—	—	—
England and Wales <sup>3</sup>	—	—	—	—	—	—	—	—	—
Angleterre et Pays de Galles <sup>3</sup>	15.5	20.0	9.4	8.8	6.9	11.3	11.1	8.8	14.2
Yugoslavia/Yougoslavie	6.3	12.3	1.8	1.2	-0.1	2.5	12.4	13.2	11.9
<i>Enseignement universitaire seulement/University education only</i>									
Belgium/Belgique <sup>2</sup>	—	—	—	7.3	4.9	9.8	...	...	...
France	—	—	—	...	8.1	...	...	15.4	...
Norway/Norvège	—	—	—	18.1	16.5	19.7	8.9	8.2	9.6
Switzerland/Suisse	—	—	—	8.9	6.0	12.0	6.6	3.6	9.7
United Kingdom/Royaume-Uni	—	—	—	...	...	9.1	...	...	8.9

1. The reference years for stage A are: 1960, 1965 and 1968.

2. Stages B and C are shown together.

3. The reference years are: 1961, 1965 and 1968.

Stage A: Diplomas and certificates not equivalent to a first university degree.

Stage B: First university degrees or equivalent.

Stage C: Degrees awarded to persons already possessing a first university degree or equivalent.

Stage C) are the most numerous, their evolution tends to follow that of the student population, taking into account a certain time lag. Comparison should be made, of course, in relation to student intake; we find, however, in a few countries, such as Denmark, Finland, the German Democratic Republic, Greece, Italy and the USSR, a certain correlation between the growth in the number of graduates during the 1965-1970 or 1960-1965 period and the student population between 1960-1965 or 1955-1960 (see Section I above). This is not always particularly obvious (Federal Republic of Germany and Yugoslavia, for example) and in a few countries (Czechoslovakia, Hungary and Romania) changes in numbers of students seems to affect the evolution of the number of graduates during the same period under review (1960-1965 or 1965-1970). The data available within the scope of this study are insufficient to allow this question to be gone into more thoroughly. It is clear that for this purpose research would have to be done on the relations between student intake and graduates by stage of diploma obtained. In

addition, the time lag would have to reflect the diversity of the length of studies in the different countries and not necessarily the periods considered here (1960-1965 and 1965-1970).

## 2. Distribution of graduates by field of study

### (a) Stage A diplomas

As Table 14 indicates, these awards relate essentially — and in certain countries exclusively — to teacher training. In the great majority of cases these "education" diplomas are obtained following short-term studies in non-university educational institutions. The decrease in the proportion of such diplomas in a few countries such as Hungary is due in fact to the greater diversification of the fields in which this type of diploma is awarded. It will be noted, however, that in other countries (Sweden, England and Wales, and Yugoslavia) the proportion of "education" diplomas has increased appreciably.

Table 14 — Distribution by field of study of stage A diplomas (not equivalent to a first university degree) as %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Albania/Albanie	1960	—	100	—	—	—	—	—	—	—
	1968	—	100	—	—	—	—	—	—	—
Austria/Autriche	1960	100	—	—	—	—	—	—	—	—
	1970	78	22	—	—	—	—	—	—	—
Bulgaria/Bulgarie	1961	—	100	—	—	—	—	—	—	—
	1970	—	100	—	—	—	—	—	—	—
Denmark/Danemark	1960	13	51	—	—	11	—	21	4	—
	1970	12	55	—	—	14	—	16	4	—
Finland/Finlande	1960	—	76	—	3	—	—	—	21	—
	1970	—	53	—	12	24	—	—	10	—
Federal Republic of Germany Rép. fédérale d'Allemagne	1960	—	—	—	—	—	—	100	—	—
	1969	—	—	—	—	—	—	100	—	—
Greece/Grèce	1960	—	91	—	—	9	—	—	—	—
	1970	—	93	—	—	7	—	—	—	—
Hungary/Hongrie	1960	—	100	—	—	—	—	—	—	—
	1970	—	23	—	—	14	—	48	—	14
Ireland/Irlande	1960	—	100	—	—	—	—	—	—	—
	1965	—	100	—	—	—	—	—	—	—
Italy/Italie	1960	—	73	—	—	27	—	—	—	—
	1970	—	88	—	—	12	—	—	—	—
Netherlands/Pays-Bas	1965	—	48	2	—	8	—	38	—	2
	1971	—	50	5	—	15	—	26	—	3
Poland/Pologne	1960	—	56	—	—	5	—	11	26	2
	1970	—	49	—	—	16	—	18	16	2
Sweden/Suède	1960	—	52	5	1	—	—	6	33	2
	1970	—	62	2	—	3	—	4	28	1
England and Wales Angleterre et Pays de Galles	1965	—	55	—	5	—	5	35	—	—
	1968	—	64	—	7	—	6	23	—	—
Yugoslavia/Yougoslavie	1961	1	26	—	15	22	—	24	2	9
	1970	—	51	—	6	20	1	14	5	2

Many Stage A diplomas are also obtained in engineering and medical sciences although the proportion has dropped during the decade.

The social sciences represent over 14% of all Stage A diplomas in Denmark, Hungary, the Netherlands, Poland and Yugoslavia. In Poland this percentage rose from 5% in 1960 to 16% in 1970.

#### (b) Stage B degrees

Table 15 shows that the proportion of Stage B degrees awarded in the humanities sector has increased in most countries and more especially in Albania, Italy and France (1960 to 1966). A marked decline is found only in Finland, Greece and Sweden. It can also be seen that this proportion differs considerably from one country to another: it is very high in Norway (50%) and in Ireland, ranges between 29 and 34% in France, Italy, Iceland, Finland and the Netherlands, falls between 10 and 25% in the majority of countries and is less than 5% in Czechoslovakia, the Federal Republic of Germany, the German Democratic Republic and Poland.

In Hungary only qualifications conferred in respect of teacher training studies are classified as Stage B awards. In 1969, education represented over 50% of all Stage B degrees awarded in the Federal Republic of Germany, representing a marked increase as compared with the percentage (38%) noted in 1960. The increase has also been considerable in Romania and Sweden. In these two countries and in the Netherlands and Austria as well, this proportion now ranges from 13 to 20%. It is very high in the USSR (34%), the German Democratic Republic (33%) and Czechoslovakia (26%). In the other countries it did not exceed 7% in 1970.

The relative importance of law has decreased in almost all countries, the only notable exception being Denmark (13% in 1970 as compared with 8% in 1960). The decline has sometimes been considerable, as in the case of Spain and Italy where the present proportion is 10% as against slightly over 20% in 1960.

In 1970 the social sciences represented 35% of all Stage B degrees in Sweden, as compared with 22% in 1964. In Greece and Albania, on the other hand, the



Table 15 — Distribution by field of study of stage B degrees (first university degrees or equivalent) as a %

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Albania/Albanie	1960	11	—	—	7	22	9	18	14	20
	1970	22	7	1	3	7	18	13	13	15
Austria/Autriche	1960	1	8	15	19	15	—	22	13	6
	1970	—	13	10	17	16	—	22	19	4
Bulgaria/Bulgarie	1961	8	3	3	4	18	5	22	19	20
	1970	9	2	3	2	15	10	43	8	8
Czechoslovakia Tchécoslovaquie	1960	2	27	3	2	8	3	33	11	12
	1970	4	26	2	3	8	6	31	10	10
Denmark/Danemark	1960	9	—	10	8	3	3	25	30	12
	1970	12	2	6	13	5	9	17	26	9
Ireland/Irlande	1960	39	2	1	4	17	13	10	9	4
	1970	33	1	1	4	24	19	9	6	3
German Democratic Republic Rép. démocratique allemande	1960	3	26	3	2	19	7	16	12	12
	1970	2	33	3	3	17	7	22	7	6
Federal Rep. of Germany Rép. fédérale d'Allemagne	1960	5	38	—	13	11	5	12	13	3
	1969	3	56	—	6	10	5	8	12	1
Greece/Grèce	1960	19	—	2	16	31	8	7	15	3
	1970	15	—	3	14	21	15	9	17	6
Hungary/Hongrie	1960	—	100	—	—	—	—	—	—	—
	1970	—	100	—	—	—	—	—	—	—
Iceland/Islande	1962	30	—	—	23	15	—	—	32	—
	1970	32	—	—	19	23	2	—	23	—
Ireland/Irlande	1960	42	—	2	2	15	11	8	14	6
	1965	48	—	1	2	13	11	7	12	6
Italy/Italie	1960	17	2	3	23	12	13	11	16	3
	1970	32	8	4	10	15	13	9	10	1
Netherlands/Pays-Bas <sup>1</sup>	1965	25	12	3	—	5	8	21	—	—
	1971	29	15	5	—	7	7	13	—	—
Poland/Pologne	1966	4	—	—	—	24	—	61	—	11
	1970	1	4	—	—	28	—	53	—	16
Romania/Roumanie	1960	11	3	3	9	9	9	27	17	12
	1970	11	20	3	5	13	7	29	6	7
Spain/Espagne	1960	12	3	10	22	3	9	10	26	4
	1970	22	—	4	12	8	15	13	24	3
Sweden/Suède	1964	24	1	2	5	22	17	16	11	2
	1970	20	13	1	3	35	11	10	6	1
Union of Soviet Socialist Republics/Union des républiques socialistes soviétiques	1960	—	37	—	—	8	—	35	9	10
	1970	—	34	—	—	8	—	41	7	10
England and Wales Angleterre et Pays de Galles	1965	—	24	—	—	25	27	17	8	2
	1968	—	24	—	—	25	26	17	7	1
Yugoslavia/Yougoslavie	1961	14	1	6	15	15	6	19	13	12
	1970	12	2	5	12	16	8	23	14	7
<i>University education only/Enseignement universitaire seulement</i>										
Belgium/Belgique	1966	14	6	—	9	25	13	14	16	2
France <sup>2</sup>	1960	19	—	—	9	—	29	23	18	3
	1968	34	—	—	10	—	22	18	13	3
Norway/Norvège	1960	49	—	—	—	21	29	—	—	—
	1970	50	—	—	—	24	26	—	—	—
Switzerland/Suisse	1960	8	—	4	10	16	14	24	23	2
	1970	14	—	3	11	25	18	14	14	2
United Kingdom Royaume-Uni	1966	22	1	3	4	17	25	16	9	2
	1970	21	4	2	4	19	24	16	9	2

1. Slightly over 20% of these degrees cannot be classified by field of study.

2. Universities and engineering schools.

Economics are included with law and the other social sciences with humanities.

**Table 16 — Distribution by field of study of stage C degrees  
(higher university degrees or equipment) as a %**

Country/Pays	Year Année	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agriculture
Austria/Autriche	1960	16	—	—	27	36	10	7	—	4
	1970	20	3	—	36	19	13	7	—	2
Finland/Finlande	1960	24	—	—	8	12	38	14	—	6
	1970	18	3	—	6	12	30	15	12	5
Federal Republic of Germany Rép. fédérale d'Allemagne	1960	11	—	—	11	8	21	7	34	8
	1969	10	—	—	7	5	20	8	46	4
Greece/Grèce	1962	4	—	—	1	1	7	3	80	3
	1970	—	—	—	2	2	10	6	65	4
Hungary/Hongrie	1960	11	—	4	9	6	6	28	20	16
	1970	13	—	3	8	9	10	31	15	11
Iceland/Islande	1970	100	—	—	—	—	—	—	—	—
Ireland/Irlande	1960	82	—	—	2	1	8	1	4	2
	1965	77	—	—	1	4	6	2	8	2
Netherlands/Pays-Bas	1965	17	1	—	11	14	13	22	17	5
	1971	15	2	—	14	18	14	18	15	4
Poland/Pologne	1966	13	6	3	6	13	12	22	14	11
	1970	11	10	3	6	14	11	25	12	8
Spain/Espagne	1960	22	—	—	20	6	15	—	32	5
	1969	20	—	—	10	4	31	—	33	2
Sweden/Suède	1964	19	2	—	1	12	33	17	13	3
	1970	16	—	—	1	19	32	17	12	4
England and Wales Angleterre et Pays de Galles	1965	—	47	—	—	14	21	4	13	2
	1968	—	41	—	—	17	19	13	8	2
Yugoslavia/Yougoslavie	1961	13	2	—	9	11	22	9	11	22
	1970	9	—	4	7	11	24	17	14	13
<i>University education only/Enseignement universitaire seulement</i>										
Belgium/Belgique	1966	34	8	—	2	16	32	1	7	1
France <sup>1</sup>	1960	38	—	—	21	—	39	—	3	—
	1966	41	—	—	12	—	46	—	1	—
Norway/Norvège	1960	12	—	3	9	1	8	26	31	10
	1970	15	1	3	10	5	13	28	17	8
Switzerland/Suisse	1960	18	—	1	20	16	40	5	—	2
	1970	25	—	—	15	15	33	9	—	2
United Kingdom Royaume-Uni	1966	6	31	3	1	13	20	13	10	2
	1970	7	30	2	1	18	18	14	8	2

1. Economics are included with law and the other social sciences with humanities.

decade saw a sharp decrease in this proportion. This decline is contrary to the trend to be seen in the majority of countries where the proportion of degrees in the social sciences is increasing.

Degrees in natural sciences have increased more particularly in those countries where the number was fairly low in 1960: Albania, Bulgaria, Czechoslovakia, Denmark, Greece and Spain. In the other countries it has remained stable although in France (1960 to 1966) and Sweden (1964 to 1970) a certain decline can be noted.

In all countries with the exception of Austria, Greece and Yugoslavia, the proportion of degrees in the medical sciences has dropped appreciably.

During the period under review the proportion of degrees in engineering almost doubled in Bulgaria: 43% in 1970 as against 22% in 1961. Less marked increases

can be seen in the USSR, Romania, Yugoslavia, the German Democratic Republic, Spain and Greece. In other countries the proportion has, on the whole, decreased, particularly in Poland, Denmark, Switzerland, the Netherlands and Sweden.

The proportion of degrees in agriculture is decreasing steadily. In 1970 it was less than 10% in all countries with the exception of Poland and Albania. In Poland this proportion rose from 11% in 1966 to 16% in 1970 while in Albania it was only 15% in 1970 as compared with 20% in 1960:

### (c) Stage C degrees

As already stated, Stage C covers the majority of degrees awarded in Hungary and Poland and also in Norway and

the Netherlands as far as university education is concerned. As Table 16 indicates, these degrees are very clearly concentrated, in Hungary and Norway, in the engineering, medical sciences and agricultural sectors, these accounting for over 50% of the total. This phenomenon was, however, more noticeable in 1960 as in 1970 distribution has become slightly more diversified. Thus in Norway (university education) medical sciences represented 17% of these degrees in 1970 as compared with 31% in 1960. In the Netherlands and Poland, distribution by field of study is, from this standpoint, more balanced.

In other countries the part played by Stage C degrees varies appreciably, owing to the diversity of the educational and degree award systems. Their distribution by field of study, moreover, differs very clearly in general from that of Stage B degrees. It can also be seen that in many cases these degrees seem to be concentrated in certain fields of study which vary from country to country.

In the United Kingdom (university education only) where Stage C is highly developed, "education" (teacher training) represents 30% of these degrees, the other two important sectors being natural sciences and social sciences.

Natural sciences also account for a high proportion of Stage C degrees in Belgium, Finland, France, Sweden, Switzerland, Yugoslavia and, more recently, Spain.

In the Federal Republic of Germany the proportion of Stage C degrees in the medical sciences rose from 34% in 1960 to 46% in 1969; this field of study also holds a leading place in Greece and Spain.

The proportion of Stage C law graduates in Austria, which was already high in 1960, rose to 36% in 1970 whereas in Spain and Switzerland this field of study lost ground appreciably.

These one or two observations are sufficient to point out how Stage B and C degrees differ in respect of distribution by field of study. In particular, with Stage C degrees there seems to be a much more pronounced leaning towards subjects in the natural sciences sector rather than the humanities and social sciences sectors.

### 3. Proportion of women graduates

Inasmuch as Stage A diplomas relate essentially to teacher training studies, medical sciences (paramedical professions) and the social sciences, the proportion of women among these graduates is relatively much higher (Table 17). For example, in "education" the proportion of women exceeds 80% in Hungary, Poland and Sweden and in medical sciences it exceeds 90% in Denmark, Finland and Poland. The proportion is almost nil in instances where these diplomas are conferred solely in respect of engineering studies, such as the Federal Republic of Germany. However the proportion in this particular field of study is fairly considerable in Poland (40%).

As in the case of the student population, the proportion of women among Stage B graduates is, in general, greater in humanities, "education" and medical sciences. In certain cases the proportion among "education" graduates may seem smaller than that of female enrolment in the same category. It should, however, be noted that student enrolment has not been analysed by different types of study programme and it is obvious, as regard "education", that female enrolment is higher in study courses leading to Stage A diplomas.

In certain countries (Federal Republic of Germany, Greece, Italy, Netherlands and Spain) the proportion of women among all graduates at Stage B seems to be slightly higher than the overall female enrolment rate in the student population. In the case of the Federal Republic of Germany where this difference is fairly sizeable, it is also accounted for by the fact that students have not been classified by type of study programme; thus the total number of students, also includes those following courses leading to Stage A diplomas where female enrolment is almost nil.

With the exception of Hungary, Poland, France (1966 data) and Ireland (1965 data), the proportion of women among Stage C graduates is very low. It should be noted that as in certain countries the number of these awards is very low — sometimes involving a single graduate — percentages by fields of study in Table 17 are not always very significant.



Table 17 – Proportion of women graduates (as a %)

Country/Pays	Year Année	Level of degree or diplôme Niveau du diplôme	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Albania/Albanie	1968	A	40	—	40	—	—	—	—	—	—	—
	1970	B	31	44	36	29	15	43	34	16	46	5
Austria/Autriche	1970	A	37	20	100	—	—	—	—	—	—	—
		B	24	68	51	52	13	17	—	4	32	8
		C	21	39	49	—	18	10	19	0	25	13
Bulgaria/Bulgarie	1970	A	71	—	71	—	—	—	—	—	—	—
		B	46	67	37	58	45	52	63	33	58	46
Czechoslovakia Tchécoslovaquie	1970	B	36	53	52	35	43	39	22	17	64	28
Denmark/Danemark	1970	A	49	88	60	—	—	15	—	1	96	—
		B	22	41	22	24	25	7	19	4	32	9
Finland/Finlande	1970	A	75	—	68	67	51	93	—	—	91	—
		B	48	75	64	28	18	43	42	2	39	35
		C	14	22	8	—	11	11	14	4	13	25
Federal Rep. of Germany Rép. fédérale d'Allemagne	1969	A	1	—	—	—	—	—	—	1	—	—
		B	40	30	59	—	11	11	7	3	32	15
		C	16	22	—	—	3	6	5	1	26	13
Greece/Grèce	1970	A	54	—	51	—	—	100	—	—	—	—
		B	33	71	—	43	35	30	22	7	31	15
		C	13	36	—	—	20	—	4	13	11	10
Hungary/Hongrie	1970	A	44	—	93	—	—	65	—	23	—	13
		B	60	—	60	—	—	—	—	—	—	—
		C	41	63	—	53	45	57	54	21	56	20
Iceland/Islande	1970	B	25	47	—	—	11	6	33	—	24	—
Ireland/Irlande	1965	B	30	40	—	42	22	31	28	—	22	2
		C	37	45	—	—	22	2	9	—	23	—
Italy/Italie	1970	A	49	—	53	—	—	16	—	—	—	—
		B	43	75	75	33	17	24	44	1	21	3
Netherlands/Pays-Bas <sup>1</sup>	1971	A	36	—	45	33	—	51	—	12	—	4
		B	42	33	33	38	—	6	16	3	—	—
		C	15	32	47	—	20	10	10	2	17	12
Poland/Pologne	1970	A	77	—	83	46	—	86	—	40	95	33
		B	28	75	75	—	—	44	—	—	12	—
		C	47	67	56	49	44	49	60	23	64	41
Romania/Roumanie	1970	B	44	64	62	49	20	46	56	26	64	25
Spain/Espagne	1970	B	29	—	53	32	19	20	34	1	28	6
	1969	C	21	36	—	—	11	5	20	—	19	—
Sweden/Suède	1970	A	72	—	89	60	—	47	—	—	51	20
		B	40	70	48	41	22	36	29	8	32	16
		C	19	31	—	—	22	30	18	5	11	5
Yugoslavia/Yougoslavie	1970	A	44	51	55	51	30	40	46	12	72	15
		B	36	62	23	67	31	33	49	13	49	19
		C	23	37	20	49	12	14	27	14	38	11
<i>University Education only/Enseignement universitaire seulement</i>												
Belgium/Belgique	1966	B	22	41	42	—	14	19	27	1	22	3
		C	30	41	37	—	10	25	25	—	1	4
France <sup>2</sup>	1966	B	38	67	—	—	24	...	33	4	35	3
		C	39	57	—	—	18	...	29	—	37	—
Norway/Norvège	1970	B	26	41	—	—	—	7	14	—	—	—
		C	12	26	18	14	15	10	8	3	21	6
United Kingdom Royaume-Uni	1970	B	30	53	55	28	18	34	25	2	28	17
		C	26	20	49	24	11	27	12	2	15	14

1. A large number of stage B degrees (about 20 %) cannot be classified by field of study; the proportion of women among such graduates exceeds 90 %
2. Universities and engineering schools. Economics are included with law and the other social sciences with humanities.

**I. NUMBERS OF STUDENTS ENROLLED**

**II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY**

**III. GRADUATES**

## I. NUMBERS OF STUDENTS ENROLLED

This analysis is concerned mainly with trends in higher education in Australia and New Zealand. The statistical tables do however contain some data on higher education in other countries and territories of Oceania. It should also be noted that in the Fiji islands the University of the South Pacific, which took in 160 students in 1968, the year of its foundation, was taking in about 450 in 1970; in Guam there has been a very marked expansion of higher education since 1960, with the number of students topping 2700 in 1970; in New Caledonia and Western Samoa some educational establishments offer courses of higher education, although the number of students attending them is very small; lastly, the University of Papua and New Guinea which was founded in 1966 was taking in rather more than 1,000 students in 1970.

As can be seen from Table 1, the increase in student numbers in Australia and New Zealand has fallen back slightly since 1965. In Australia this trend can be observed both in university and non-university education, although it is more marked in the latter sector. In New Zealand, however, it has occurred only in the non-university sector

Table 1 — Average annual growth rates of enrolment (as a %)

	Australia/Australie			New Zealand/ Nouvelle-Zélande		
	1960-70	1960-65	1965-70	1960-70	1960-65	1965-70
Total/Effectif total	7.5	8.6	5.4	7.1	7.9	6.4
Universities and equivalent institutions/Universités et établissements équivalents	8.1	9.2	7.0	8.1	7.0	9.2
Non-university teacher training Enseignement normal non universitaire	7.2	8.0	6.5	6.9	4.4	9.5
Other non-university institutions Autres établissements non universitaires	6.7	8.5	4.8	10.3	13.5	7.1

Table 2 — Number of students as a percentage of the total population in the 20 to 24 year age-group (enrolment ratio)

Year/Année	Australia/Australie			New Zealand/ Nouvelle-Zélande		
	MF	M	F	MF	M	F
1960	13.1	18.8	7.0	23.6	34.1	12.8
1965	16.0	22.1	9.7	30.7	44.5	16.0
1966	16.7	22.9	10.2	32.6	48.0	16.8
1967	16.6	22.8	10.1	32.1	46.4	17.0
1968	16.8	22.9	10.3	33.3	48.6	17.8
1969	15.9	21.1	10.5	35.3	50.3	19.7
1970	16.7	21.9	11.2	36.0	51.7	19.7

of higher education (excluding teacher training colleges), the growth rate falling from 13.5% per annum between 1960 and 1965 to 7.1% per annum since 1965.

It should also be noted that part-time students form a large proportion of the total. In New Zealand they represent almost the entirety (96%) of students registered in non-university educational establishments other than teacher training colleges. Whereas 50% of university students were part-timers in 1960 this proportion had fallen to 32% in 1970. The proportion of part-time students in university education dropped in Australia as well, falling from 41% in 1960 to 37% in 1970. Information available for 1970 on non-university education in Australia indicates that part-time students account for 54% of the total.

In 1960 151 per 10,000 inhabitants in New Zealand and 96 per 10,000 inhabitants in Australia were following a course of higher education. The gap between the two countries has widened still further in the course of the decade; in 1970 the corresponding figure was 301 (double the 1960 figure) in New Zealand, while in Australia it was 143.

Table 2 shows for these two countries the enrolment ratio which is defined for the purposes of this study as the number of students in relation to the total population in the 20 to 24 year age-group. Although this does not strictly speaking denote the enrolment level inasmuch as it does not take into account the age structure of the student population, this ratio does nevertheless reflect the wide extension of higher education in the two countries concerned, particularly in New Zealand. There the 1960 ratio, which was already very high, continued to increase very steeply and in 1970 had reached 36%. In Australia, on the other hand, the ratio remained fairly steady between 1965 and 1970, the increase being limited to the preceding period.

Table 2 also shows the enrolment ratio calculated separately for men and women. It should be emphasized that the proportion of women students has increased in Australia only, where it rose from 26% in 1960 to 33% in 1970. In New Zealand female enrolment in higher education remains the same (27%) in 1970 as it was in 1960. This state of affairs is reflected in a very marked discrepancy between the enrolment ratios for men and women. In New Zealand the number of male students as a percentage of the total male population in the 20 to 24 year age-group was over 50% in 1970 while the corresponding figure for women was barely 20%. The enrolment ratio is thus 2.6 times higher for men than women and has remained so throughout the decade. In Australia this gap was slightly narrowed in the course of the decade although in 1970 the enrolment ratio was almost twice as high for men as for women.

In 1970 foreign students accounted for slightly more than 4% of the total in Australia and 3% in New Zealand.



Unesco surveys indicate that the number of Australians and New Zealanders studying abroad is not very large (approximately 2,300 and 1000 respectively in 1970).

## II. DISTRIBUTION OF STUDENTS BY FIELD OF STUDY

Tables 3 and 4 show the distribution of students and average annual growth rates by field of study. It should however be noted that the statistics for the two countries are not strictly speaking comparable, mainly because figures for the distribution of students by field of study are not available for non-university educational establishments<sup>1</sup> (excluding teacher training colleges) in New Zealand.

In Australia (Table 3) the proportion of students in the humanities has remained very much the same although a slight increase is to be observed. No change has taken place either in the proportion of students in fine arts, law and agriculture, each of these fields accounting for at least 4% of the total. Students in "education" (teacher training), the proportion of which had decreased in 1965, represented 18% of the total in 1970, a figure very similar to that for 1960 (19%). This field of study, the natural sciences and, to a lesser extent, the medical sciences are the only ones in which the growth rate has accelerated since 1965.

The proportion of students in engineering has decreased significantly, being only 12% in 1970 as against

1. These are the "technical institutes" which account for almost half the total number of students in higher education.

Table 3 — Australia: distribution of students by field of study

	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Distribution en %	1960	100	19	19	4	3	12	10	19	10	3
Répartition en %	1965	100	20	16	5	3	18	10	17	8	3
	1970	100	21	18	4	3	16	14	12	7	3
Average annual rates of growth of enrolment (%)	1960-70	7.5	8.4	7.0	6.4	8.3	10.7	10.6	2.9	3.4	5.9
Taux moyens d'acroi- sissement annuel (en %)	1960-65	9.6	10.6	6.0	10.8	9.2	19.5	8.7	7.8	3.1	8.7
	1965-70	5.4	6.2	8.1	2.3	7.4	2.6	12.6	-1.9	3.7	3.2
Percentage of female students/Taux de parti- cipation féminine (%)	1960	26	39	53	31	11	13	19	1	28	4
	1965	29	47	62	31	12	16	20	2	30	7
	1970	33	52	65	28	15	15	20	1	35	10

Table 4 — New Zealand: students enrolled in universities, teacher training colleges and, on a full-time basis, in the technical institutes

	Year Année	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Distribution en %	1960	100	25	19	4	5	11	11	14	7	4
Répartition en %	1965	100	25	19	4	5	10	12	18	6	3
	1970	100	30	23	(2)	4	11	14	(8)	(3)	5
Average annual rates of growth of enrolment (%)	1960-65	7.9	7.5	7.3	7.7	6.1	5.1	10.8	12.7	3.8	—
Taux moyens d'acroi- sissement annuel (en %)	1965-70	6.4	10.5	10.7	...	1.2	8.3	8.4	...	...	21.0
Percentage of female students/Taux de parti- cipation féminine (%)	1960	31	45	71	38	4	3	26	—	24	3
	1965	34	49	76	21	5	17	26	2	26	5
	1970	39	52	72	(31)	10	14	19	(8)	(20)	6

NOTE: The data for 1970 and particularly those given in brackets are not strictly comparable to the data for 1960 and 1965. This is because full-time students in technical institutes were not included in 1970. Although the numbers involved are small this makes comparison between certain fields of study difficult.

19% in 1960. This trend was particularly marked between 1965 and 1970 when student numbers decreased in absolute terms. There was also a decrease, although less marked, in the relative importance of medical studies. Lastly, it can be seen that the rate of growth in the number of social science students, which was very rapid from 1960 to 1965 (19.5% per annum), was only 2.6% per annum between 1965 and 1970.

The proportion of women students has increased mainly in the humanities, "education" and the medical sciences; in fact those fields where it is highest. Thus more than 50% of students in the humanities and "education" were women in 1970; the corresponding figure was 35% in the medical sciences.

As shown in Table 4, the statistical data for New Zealand do not cover all the students in higher education. Although the distribution for 1970 lacks only a small number of students to be comparable to the 1960 and 1965 distribution tables, there is nevertheless likely to be a certain amount of distortion as the number in question only affects three of the fields of study: engineering, medical sciences and fine arts. In these circumstances it was felt preferable to present Table 4 without comment, indicating only that the results given for all but these three fields of study may be considered comparable to those of other years.

### III. GRADUATES

As already mentioned graduates are classified according to three "stages of diploma", i.e. level, of qualification obtained:

- Stage A:* Diplomas and certificates not equivalent to a first university degree
- Stage B:* First university degrees or equivalent.
- Stage C:* Degrees awarded to persons already possessing a first university degree or equivalent.

Table 5 shows the rates of increase in the number of graduates for each stage of diploma. The statistics for Australia make no distinction between Stage A and Stage B graduates, who are always grouped together. As this has always been the case it is not possible to indicate the proportion represented by Stage A graduates.

As was the case for student numbers, statistics for the two countries are not comparable as the New Zealand data relate only to qualifications awarded by universities. It should be emphasized that non-university education is an important part of higher education in this country but that there is no information available on diplomas awarded by these establishments.

Table 5 shows that since 1965 the annual rate of growth in the number of graduates has dropped considerably in Australia, for both the categories considered. In university education in New Zealand on the other hand it is only for Stage C graduates that the growth rate has slowed down since 1965; the number of Stage A graduates has

increased at a constant rate throughout the decade and for Stage B the growth rate accelerated from 1965 onwards.

Table 6 shows the distribution of graduates among the different fields of study. In Australia, for Stage A and B graduates taken together, the most noticeable changes have taken place in "education" and the social sciences. The proportion of degrees and diplomas awarded in "education" has dropped markedly, from 47% in 1961 to 36% in 1970, while degrees and diplomas in the social sciences, which represented only 5% of the total in 1951, accounted for 10% in 1970. Half the Stage C degrees were awarded in the field of "education" and this proportion remained stable throughout the decade. The proportion of these degrees obtained in the natural sciences dropped slightly in relation to 1961 while in the humanities it rose from 7% in 1961 to 11% in 1970.

In New Zealand (university education only) Stage A diplomas were mainly awarded in agriculture, the proportion obtained in this field (73% in 1969) having increased steadily, particularly from 1965. Among Stage B degrees there is a very sharp decrease in the proportion obtained in the medical sciences: 5% in 1969 as against 17% in 1960. The only other noteworthy changes have taken place in the social sciences, the proportion of which though small in 1960 has risen steadily, as did that of the humanities from 1960 to 1965. The majority of Stage C degrees were awarded in two fields of study: the humanities (41%) and the natural sciences (20%).

There is a very high proportion of women graduates (Table 7) in Australia. As regards Stage A and B graduates, the largest category, the proportion of women (42% in 1970) is higher than the proportion of women in higher education (in 1965 29% and in 1970 33% of total enrolments). The proportion of women graduates in this category has remained the same throughout the period, being just as high in 1961 (43%), when the proportion of women students in higher education was only 26%. The proportion of women among Stage C graduates has also increased steadily. These comparisons would seem to indicate that the success rate of women in education is higher than that of men.

However as can be seen from Table 7, the proportions vary considerably according to the field of study. Thus in

Table 5 — Average annual growth rate in the number of graduates (as a %)

Country/Pays	Year Année	Level A Niveau A	Level B Niveau B	Level C Niveau C
Australia/Australie	1961-70	8.9		16.1
	1961-65	11.7		23.0
	1965-70	6.6		11.0
New Zealand (University education) Nouvelle-Zélande (Enseignement universitaire)	1960-69	10.1	11.0	13.9
	1960-65	10.3	8.8	15.3
	1965-69	10.0	13.8	12.2

Australia they are much higher in "education", humanities and medical sciences than in other fields. In New Zealand (university education), the proportion of women among Stage A graduates in agriculture is almost negligible; at the same time, as already indicated, it is in this field that the majority of these diplomas are obtained. The proportion of women among Stage B graduates in "education"

is increasing all the time: 77% of graduates in this field were women in 1969 as against 45% in 1960. It should however be emphasized that in absolute terms the number of these graduates is not very large, so that as far as university education in New Zealand is concerned, it is primarily among Stage B graduates in the humanities that the proportion of women is significant.

Table 6 — Distribution of graduates by field of study (as a %)

Country/Pays	Year Année	Level of degree or diploma Niveau du diplôme	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Australia/Australie	1961	A + B	14	47	1	2	5	8	11	8	4
	1965		17	38	3	2	8	9	11	9	3
	1970		17	36	3	3	10	11	10	7	3
	1961	C	7	51	—	—	1	21	9	7	4
	1965		9	49	3	—	3	17	10	5	3
	1970		11	50	2	1	5	18	7	4	3
New Zealand (University education) Nouvelle-Zélande (Enseignement universitaire)	1960	A	—	—	19	—	7	—	12	—	61
	1965		—	—	18	—	18	—	3	—	62
	1969		—	—	9	—	13	—	6	—	73
	1960	B	32	1	2	8	5	24	9	17	2
	1965		39	1	2	6	8	24	9	7	3
	1969		38	3	2	7	10	21	9	5	4
	1960	C	40	5	1	1	2	26	4	5	12
	1965		43	6	1	2	6	23	3	4	5
	1969		41	6	3	2	7	20	2	8	4

Table 7 — Proportion of women graduates (%)

Country/Pays	Year Année	Level of degree or diploma Niveau du diplôme	Total	Humanities Lettres	Education	Fine arts Beaux-arts	Law Droit	Social sciences Sciences sociales	Natural sciences Sciences exactes et naturelles	Engineering Sciences de l'ingénieur	Medical sciences Sciences médicales	Agri- culture
Australia/Australie	1961	A + B	43	41	67	28	11	14	21	1	35	5
	1965		42	48	66	28	13	18	22	2	42	4
	1970		42	50	69	30	11	17	21	—	42	8
	1961	C	27	12	44	—	—	—	13	—	10	3
	1965		31	33	49	8	10	8	12	1	13	6
	1970		38	46	57	14	11	12	13	—	10	7
New Zealand (University education) Nouvelle-Zélande (Enseignement universitaire)	1960	A	16	—	—	58	—	24	—	—	—	6
	1965		20	—	—	22	—	83	—	—	—	3
	1969		16	—	—	43	—	78	—	—	—	5
	1960	B	31	48	45	25	3	2	35	—	33	14
	1965		28	51	59	15	2	5	24	—	6	1
	1969		30	52	77	25	6	10	23	1	17	5
	1960	C	20	33	13	—	—	50	12	—	13	—
	1965		19	34	30	—	—	—	13	—	—	—
	1969		21	34	17	7	6	19	14	—	6	2



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NOTE

For practical reasons the tables are presented separately for North America and South America and not for Latin America and Northern America as was the case in the statistical study.

Pour des raisons pratiques les tableaux sont présentés séparément pour l'Amérique du Nord et l'Amérique du Sud et non pas pour l'Amérique Latine et l'Amérique Septentrionale, comme cela a été le cas dans l'étude statistique.

## 1. AFRICA/AFRIQUE

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## NOTE

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following lists:

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après :

Algérie	Algeria	Ethiopie	Ethiopia	Malawi	Malawi	Seychelles	Seychelles
Angola	Angola	Ghana	Ghana	Mali	Mali	Sierra Leone	Sierra Leone
Burundi	Burundi	Guinée	Guinea	Maroc	Morocco	Soudan	Sudan
Cameroun	Cameroon	Haute Volta	Upper Volta	Maurice	Mauritius	Swaziland	Swaziland
République centrafricaine	Central African Republic	Kenya	Kenya	Mozambique	Mozambique	République-Unie de Tanzanie	Tanzania, United Republic of
Congo	Congo	Lesotho	Lesotho	Nigéria	Nigeria	Togo	Togo
Côte d'Ivoire	Ivory Coast	Libéria	Liberia	Ouganda	Uganda	Tunisie	Tunisia
Dahomey	Dahomey	République arabe libyenne	Libyan Arab Republic	Réunion	Reunion	Zaire	Zaire
Egypte	Egypt	Madagascar	Madagascar	Rwanda	Rwanda	Zambie	Zambia
				Sénégal	Senegal		

Table/Tableau 1.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country Pays	Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
ALGERIA	STUDENTS	1962	2809	579					
		1963	8033	1631					
		1966	9272	1851					
		1967	9720	2220					
		1968	10681	2398					
		1969	12920	3022					
		1970	19331	4166					
ANGOLA	TEACHERS	1965	73	...	38	...	-	35	0
		1966	112	16	77	5	-	33	11
		1967	129	13	84	5	-	45	8
		1968	176	...	123	...	-	53	...
		1969	213	...	160	...	-	53	...
		1970	273	...	225	...	-	48	...
	STUDENTS	1965	71	-	-	-	-	71	-
		1966	606	176	477	132	-	129	44
		1967	754	236	607	188	-	147	68
		1968	980	333	827	272	-	162	61
		1969	1252	435	1074	367	-	178	68
		1969	1757	692	1570	632	-	187	67
		1970	2349	936	2125	860	-	224	76
	TEACHERS	1965	66	-	50	-	16	-	-
		1966	82	7	60	3	22	4	-
		1967	85	8	60	6	25	2	-
		1968	87	4	63	2	24	2	-
		1969	90	5	62	3	28	2	-
		1970	102	7	69	4	33	5	-
	STUDENTS	1960	28	2	28	2	-	-	-
		1965	188	10	162	5	26	5	-
		1966	268	16	232	10	36	6	-
		1967	281	24	235	16	46	8	-
		1968	361	23	286	16	75	7	-
		1969	397	18	316	13	81	5	-
		1970	466	26	361	17	103	9	-
CAMEROON	TEACHERS	1965	134	...	105	...	29	-	-
		1966	154	...	109	...	27	...	18
		1967	166	20	121	16	26	4	19
		1968	154	16	97	...	34	...	23
		1969	210	22	...	...	...	...	...
		1970	220	21	158	14	38	...	24
	STUDENTS	1961	410	6	410	6	-	-	-
		1965	1274	55	1128	...	146	-	-
		1966	1732	76	1489	70	175	6	68
		1967	2098	114	1811	95	202	19	85
		1968	1986	103	1605	81	204	22	177
		1969	2030	150	1565	113	241	34	224
		1970	2690	209	2128	158	333	46	229
	CENTRAL AFRICAN REP, STUDENTS	1970	88	3	88	3	-	-	-
CONGO	TEACHERS	1965	97	...	47	...	13	1	37
		1966	124	22	65	8	25	4	34
		1967	108	...	73	14	25	6	10
		1968	116	...	82	...	34	...	...
		1969	103	27	67	16	36	11	-
		1970	117	24	71	13	46	11	-
	STUDENTS	1961	370	...	370	...	-	-	-
		1965	1016	141	630	73	206	6	180
		1966	1320	129	912	66	238	7	170
		1967	1392	97	1025	57	282	8	85
		1968	1485	73	1119	62	357	11	9
		1969	1786	72	1442	60	344	12	-
		1970	1788	87	1436	75	352	12	-
	CENTRAL AFRICAN REP, STUDENTS	1970	88	3	88	3	-	-	-



Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
		Année		Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
DANUFG	STUDENTS	1965	39	1	39	1	-	-	-
		1966	53	-	53	-	-	-	-
		1967	115	1	115	1	-	-	-
		1968	174	8	174	8	-	-	-
		1969	220	14	220	14	-	-	-
		1970	311	23	311	23	-	-	-
EGYPT	TEACHERS	1960	4251	608	2962	239	656	203	633
		1961	7409	...	5437	...	850	...	1212
		1962	8840	...	4390	...	590	...	1860
		1967	9841	...	7623	...	596	...	1622
		1968	10194	...	7993	...	500	...	1701
		1969	11316	...	9060	...	596	...	1660
		1970	12641	...	10159	...	682	...	1600
	STUDENTS	1960	100830	18121	86980	13781	6277	2180	13573
		1961	174518	35945	138013	28285	7864	2805	28641
		1966	179100	35040	145694	31211	4976	2600	28430
		1967	174614	40507	142144	31748	5434	2694	27031
		1968	180453	43818	143955	34042	4717	2021	31781
		1969	187055	50606	182499	40525	4810	2086	29746
ETHIOPIA	TEACHERS	1960	136	6	136	6	-	-	-
		1961	403	52	403	52	-	-	-
		1966	469	...	469	...	-	-	-
		1967	600	150	600	150	-	-	-
		1968	469	...	469	...	-	-	-
		1969	503	...	503	...	-	-	-
		1970	516	71	516	71	-	-	-
	STUDENTS	1960	884	40	884	40	-	-	-
		1961	2256	152	2256	152	-	-	-
		1966	2828	167	2828	167	-	-	-
		1967	3360	227	3360	227	-	-	-
		1968	3870	287	3870	287	-	-	-
		1969	4636	346	4636	346	-	-	-
GABON	STUDENTS	1960	21	-	21	-	-	-	-
		1961	14	-	14	-	-	-	-
		1967	17	-	17	-	-	-	-
		1968	30	-	30	-	-	-	-
		1969	58	-	58	-	-	-	-
		1970	65	-	65	-	-	-	-
GHANA	TEACHERS	1960	280	21	245	13	35	8	-
		1961	655	65	600	55	455	410	-
		1966	783	74	723	67	460	412	-
		1967	737	74	672	61	465	413	-
		1968	696	76	628	61	68	15	-
		1969	904	83	833	65	71	18	-
		1970	902	85	825	65	77	18	-
	STUDENTS	1960	1501	160	1165	53	336	107	-
		1961	4836	509	4346	405	400	104	-
		1966	5028	554	4678	434	450	120	-
		1967	5368	615	4768	483	460	132	-
		1968	5699	603	5035	546	664	167	-
		1969	5467	723	4759	556	708	167	-
GUINEA	TEACHERS	1962	18	1	-	-	-	-	-
		1963	95	12	-	-	-	-	-
	STUDENTS	1962	66	1	-	-	-	-	-
		1963	376	16	-	-	-	-	-
		1970	1974	160	-	-	-	-	-

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
IVORY COAST	TEACHERS	1960	42	8	42	8	-	-	-
		1965	208	...	177	...	31	...	-
		1970	220	...	189	...	31	...	-
	STUDENTS	1960	338	36	338	36	-	-	-
		1965	1621	251	1346	231	255	20	-
		1966	2211	335	1924	311	287	24	-
		1967	2640	394	2335	368	305	26	-
		1968	2857	419	2566	396	291	23	-
		1969	3755	527	3400	507	355	20	-
		1970	4381	615	4001	590	380	25	-
KENYA	TEACHERS	1960	...	...	60	...	-	...	...
		1966	450	54	240	16	45	14	145
	STUDENTS	1961	1217	...	425	70	-	-	792
		1965	3100	581	921	154	269	125	1919
		1966	4227	820	1151	183	413	172	2663
		1967	5659	...	1520	...	643	238	3494
		1968	6441	...	1878	...	885	271	3678
		1969	7334	...	2240	...	1000	300	4094
		1970	9247	...	2786	...	1100	330	5361
	TEACHERS	1960	33	3	33	3	-	-	-
		1967	60	6	60	6	-	-	-
		1968	62	7	62	7	-	-	-
		1969	59	6	59	6	-	-	-
		1970	61	5	61	5	-	-	-
	STUDENTS	1960	167	36	167	36	-	-	-
		1965	237	50	237	50	-	-	-
		1966	344	57	344	57	-	-	-
		1967	303	60	303	60	-	-	-
		1968	350	90	350	90	-	-	-
		1969	386	124	386	124	-	-	-
		1970	402	138	402	138	-	-	-
LIBERIA	TEACHERS	1965	120	31	129	31	-	-	-
		1966	120	34	129	34	-	-	-
		1967	143	40	143	40	-	-	-
		1968	163	...	163	...	-	-	-
		1969	149	32	149	32	-	-	-
		1970	164	18	164	18	-	-	-
	STUDENTS	1960	483	...	483	...	-	-	-
		1965	685	144	685	144	-	-	-
		1966	797	174	797	174	-	-	-
		1967	1083	221	1083	221	-	-	-
		1968	1282	247	1282	247	-	-	-
		1969	1270	241	1229	241	-	-	-
		1970	1100	238	1109	238	-	-	-
LIBYAN ARAB REP.	TEACHERS	1965	198	3	110	3	12	-	76
		1966	226	...	147	...	13	1	66
		1967	231	...	231	...	-	-	-
		1968	277	...	277	...	-	-	-
		1969	313	...	313	...	-	-	-
		1970	430	...	430	...	-	-	-
	STUDENTS	1960	728	...	728	...	-	-	-
		1965	1926	154	1646	118	80	32	200
		1966	2215	208	1867	170	117	32	231
		1967	2494	...	2494	...	-	-	-
		1968	3001	330	3001	330	-	-	-
		1969	3663	410	3663	410	-	-	-
		1970	5222	561	5222	561	-	-	-

Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
MADAGASCAR	TEACHERS	1965	176	33	102	15	34	13	40	45
		1966	186	34	105	15	38	14	43	5
		1967	200	35	123	17	31	13	46	5
		1968	197	45	130	29	35	13	32	3
		1969	205	45	131	29	32	13	42	3
		1970	317	58	155	32	42	15	120	11
	STUDENTS	1966	740	170	665	154	-	-	84	16
		1965	3145	794	2581	675	119	460	445	50
		1966	3441	887	2819	742	130	480	492	65
		1967	3847	1046	3210	858	173	120	464	62
		1968	3627	1387	2862	1147	198	153	547	87
		1969	4260	1294	3227	985	193	156	840	153
		1970	5758	1825	4025	1275	216	166	1497	384
	TEACHERS	1965	25	5	25	5	-	-	-	-
		1966	70	5	70	5	-	-	-	-
		1967	98	18	98	18	-	-	-	-
		1968	129	20	129	20	-	-	-	-
		1969	135	20	135	20	-	-	-	-
1970		147	19	147	19	-	-	-	-	
STUDENTS	1965	92	6	92	6	-	-	-	-	
	1966	436	53	436	53	-	-	-	-	
	1967	644	83	644	83	-	-	-	-	
	1968	768	109	768	109	-	-	-	-	
	1969	972	163	972	163	-	-	-	-	
	1970	980	173	980	173	-	-	-	-	
TEACHERS	1966	68	13	-	-	36	8	32	5	
	1967	90	16	-	-	42	9	48	7	
	1968	112	14	-	-	50	10	62	4	
	1969	157	14	-	-	43	10	92	4	
	1970	151	10	-	-	51	8	100	2	
	1971	151	10	-	-	51	8	100	2	
STUDENTS	1965	130	17	-	-	84	12	55	5	
	1966	206	27	-	-	117	18	89	9	
	1967	345	33	-	-	141	18	204	15	
	1968	420	46	-	-	209	23	211	23	
	1969	626	51	-	-	236	16	392	35	
	1970	731	77	-	-	232	21	499	56	
TEACHERS	1965	21	-	-	-	-	-	21	-	
	1966	32	-	-	-	-	-	32	-	
	1967	47	-	-	-	-	-	47	-	
	1968	34	-	-	-	-	-	34	-	
	1969	41	2	41	2	-	-	-	-	
	1970	41	2	41	2	-	-	-	-	
STUDENTS	1965	77	-	-	-	-	-	77	-	
	1966	88	1	-	-	-	-	98	1	
	1967	93	3	-	-	-	-	93	3	
	1968	80	4	-	-	-	-	80	4	
	1969	178	19	178	19	-	-	-	-	
	1970	335	92	335	92	-	-	-	-	
TEACHERS	1965	437	111	341	111	-	-	96	111	
	1966	512	111	379	111	-	-	125	111	
	1967	512	55	387	65	-	-	111	5	
	1968	571	78	460	73	-	-	111	5	
	1969	620	73	503	67	-	-	117	6	
	1970	620	73	503	67	-	-	117	6	
STUDENTS	1965	4665	673	4665	673	-	-	-	-	
	1966	8906	1089	7979	899	-	-	1017	190	
	1967	7734	1051	7074	1010	-	-	660	41	
	1968	9034	1152	-	-	-	-	585	26	
	1969	13008	1948	12423	1922	-	-	791	33	
	1970	15555	2685	14564	2652	-	-	898	39	



Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
MOZAMBIQUE	TEACHERS	1965	125	37	86	115	-	-	37	22
		1966	134	20	120	20	-	-	14	-
		1967	102	23	176	23	-	-	16	-
		1968	213	...	179	...	-	-	34	...
	STUDENTS	1965	542	193	477	167	-	-	65	26
		1966	697	265	647	265	-	-	50	-
		1967	904	349	843	349	-	-	61	-
		1968	1145	467	1030	426	-	-	115	41
NIGERIA	TEACHERS	1961	291	23	291	23	-	-	-	-
		1965	1350	111	1215	87	135	24	-	-
		1966	1482	148	1337	115	145	35	-	-
		1967	1281	123	1139	98	142	29	-	-
		1968	1117	110	1003	89	114	11	-	-
	STUDENTS	1961	3850	278	3850	278	-	-	-	-
		1965	9378	1115	7697	773	1681	542	-	-
		1966	10974	1370	9170	1007	1806	563	-	-
		1967	8076	1078	6594	796	1482	282	-	-
		1968	9775	1395	8617	1176	1158	219	-	-
		1969	...	...	11507	1559	...	...	-	-
		1970	...	...	14510	2066	...	...	-	-
	STUDENTS	1965	243	107	243	107	-	-	-	-
		1966	365	129	365	129	-	-	-	-
		1967	420	150	420	150	-	-	-	-
		1968	500	170	500	170	-	-	-	-
		1969	639	287	639	287	-	-	-	-
RWANDA	TEACHERS	1965	42	6	42	6	-	-	-	-
		1966	48	9	48	9	-	-	-	-
		1967	45	10	45	10	-	-	-	-
		1968	58	5	58	5	-	-	-	-
		1969	58	4	58	4	-	-	-	-
		1970	66	5	66	5	-	-	-	-
	STUDENTS	1965	121	-	121	-	-	-	-	-
		1966	130	5	130	5	-	-	-	-
		1967	161	12	161	12	-	-	-	-
		1968	105	12	194	12	-	-	-	-
		1969	287	25	287	25	-	-	-	-
		1970	411	38	411	38	-	-	-	-
	TEACHERS	1960	146	-	146	-	-	-	-	-
		1969	297	42	269	35	28	7	-	-
	STUDENTS	1960	1391	240	1391	240	-	-	-	-
		1965	2790	490	2690	483	100	7	-	-
		1966	3338	538	3214	524	124	14	-	-
		1967	3971	685	3826	666	145	19	-	-
		1968	4965	486	2784	450	181	36	-	-
		1969	3550	621	3444	599	115	22	-	-
SEYCHELLES	STUDENTS	1960	50	23	-	-	30	23	-	-
		1965	48	36	-	-	48	36	-	-
		1966	47	31	-	-	47	31	-	-
		1967	46	33	-	-	46	33	-	-
		1968	46	42	-	-	46	42	-	-
		1969	65	60	-	-	65	60	-	-
		1970	87	81	-	-	87	81	-	-
SIERRA LEONE	TEACHERS	1960	50	5	50	5	-	-	-	-
		1965	201	...	201	...	-	-	-	-
		1967	213	...	213	...	-	-	-	-
		1968	181	15	181	15	-	-	-	-

Country Pays	Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
SIERRA LEONE	STUDENTS	1960	302	33	302	33	-	-	-
		1965	710	125	719	125	-	-	-
		1966	742	137	742	137	-	-	-
		1967	715	139	715	139	-	-	-
		1968	812	142	812	142	-	-	-
		1969	1055	174	1055	174	-	-	-
		1970	1155	187	1155	187	-	-	-
SOMALIA	TEACHERS	1960	13	-	-	-	-	-	-
		1967	18	-	-	-	-	-	-
		1968	47	1	-	-	-	-	-
		1969	48	-	-	-	-	-	-
		1970	58	-	-	-	-	-	-
	STUDENTS	1960	53	7	53	7	-	-	-
		1965	60	6	60	6	-	-	-
		1967	88	11	98	11	-	30	-
		1968	304	17	144	13	100	60	2
		1969	548	-	-	-	-	-	-
		1970	964	125	810	114	54	100	3
		1971	-	-	-	-	-	-	-
SUDAN	TEACHERS	1960	513	-	277	-	42	5	194
		1965	808	-	600	-	113	12	185
		1966	1012	-	697	-	86	11	229
		1967	1060	-	676	-	108	12	276
		1968	1268	-	794	-	107	11	362
		1969	1140	-	746	-	109	11	285
		1970	1153	-	743	-	99	10	311
SUDAN	STUDENTS	1960	3974	213	7513	128	162	17	1299
		1965	8108	585	5445	403	789	115	1874
		1966	8708	776	6091	528	625	136	1992
		1967	10533	1117	7833	807	609	133	2091
		1968	10915	1270	8043	881	677	157	2195
		1969	11833	1327	9125	1053	740	137	1968
		1970	14308	1852	11475	1431	709	144	2124
SWAZILAND	STUDENTS	1968	69	7	69	7	-	-	-
		1969	66	7	66	7	-	-	-
		1970	130	55	139	55	-	-	-
TANZANIA/ UNITED REP. OF	STUDENTS	1967	14	1	14	1	-	-	-
		1965	540	72	523	68	17	4	-
		1966	860	-	803	-	57	18	-
		1967	1154	-	1068	-	86	31	-
		1968	1554	-	1410	-	144	44	-
		1969	2176	-	1948	-	188	45	-
		1970	2027	335	1823	294	204	41	-
TOGO	STUDENTS	1965	73	14	73	14	-	-	-
		1966	85	20	85	20	-	-	-
		1967	80	11	89	11	-	-	-
		1968	221	40	206	40	15	-	-
		1969	296	57	263	57	33	-	-
		1970	886	102	845	101	41	1	-
		1971	-	-	-	-	-	-	-
TUNISIA	TEACHERS	1965	326	33	326	33	-	-	-
		1966	331	39	331	39	-	-	-
		1967	340	-	340	-	-	-	-
		1968	355	47	355	47	-	-	-
		1971	628	-	628	-	-	-	-
	STUDENTS	1960	2025	345	2025	345	-	-	-
		1965	5629	1020	5629	1020	-	-	-
		1966	6089	1143	6089	1143	-	-	-
		1967	6686	1359	6686	1359	-	-	-
		1968	7668	1631	7668	1631	-	-	-
		1969	8600	1900	8600	1900	-	-	-
		1970	9600	2200	9600	2200	-	-	-
		1971	10849	2501	10849	2501	-	-	-

Country Pays	Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
UGANDA <sup>2</sup>	TEACHERS	1965	172	18	147	15	25	3	...
		1966	250	...	220	...	24	3	...
		1967	261	...	216	...	45	2	...
		1968	316	...	270	...	46	...	...
		1969	347	...	300	...	47	...	...
		1970	401	...	350	...	48	4	83
	STUDENTS	1960	1257	155	913	68	344	87	...
		1965	1477	213	1237	169	240	44	...
		1966	1815	...	1580	...	235	33	...
		1967	2222	...	1860	...	362	57	...
		1968	2343	...	2179	...	364	59	...
		1969	2858	...	2494	...	364	61	...
		1970	4232	744	2953	318	367	63	912
									163
UPPER VOLT	STUDENTS	1965	78	0					
		1966	22	2					
		1967	38	15					
		1968	122	23					
		1969	143	...					
		1970	183	27					
ZAMBIA	TEACHERS	1965	570	...	278	...	122	...	170
		1966	668	...	367	...	146	...	155
		1967	812	...	432	...	175	...	205
		1968	1195	...	679	...	241	...	275
		1969	1204	...	627	...	318	...	280
		1970	1315	...	695	...	330	...	290
	STUDENTS	1961	1256	20	868	15	69	5	319
		1965	3700	185	2148	105	635	90	1016
		1966	4651	237	2925	133	829	102	697
		1967	5877	226	3476	106	1171	117	1180
		1968	8401	375	5683	199	1363	159	1555
		1969	10165	490	6075	246	1748	211	2342
		1970	12363	675	7565	350	2261	280	2537
									45
ZAMBIA	TEACHERS	1966	64	-	64	-	-	-	-
		1967	107	...	107	...	-	-	-
		1968	148	12	148	12	-	-	-
		1970	...	...	189	16	15	-	...
	STUDENTS	1966	312	62	312	62	-	-	-
		1967	680	130	689	130	-	-	-
		1968	871	149	871	149	-	-	-
		1969	1435	252	1298	205	137	47	-
		1970	1671	248	1469	216	98	32	104
									-

# NOTES

1. Data for 1967 and 1968 refer to four universities and not five.
2. Data concerning other non-university institutions are not available before 1970.

1. Les données pour les années 1967 et 1968 ne comprennent que quatre universités au lieu de cinq.
2. Les données concernant les autres établissements non universitaires ne sont pas disponibles avant 1970.



Table/Tableau 1.2 Distribution of students by field of study  
Répartition des étudiants par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ALGERIA	1963	MF	3076	1067	58	127	483	384	561	140	841	83	72
		F	621	409	5	14	84	22	96	3	171	10	9
	1965	MF	8177	1685	387	265	910	1188	1545	359	1732	106	-
		F	1642	642	110	29	124	98	248	8	364	11	-
	1967	MF	9272	4102	439	211	948	1429	1579	462	2021	81	-
		F	1051	714	99	24	157	146	270	7	450	4	-
	1968	MF	9720	1854	660	242	984	1446	1578	446	2425	77	-
		F	2220	828	208	36	152	147	270	5	567	7	-
	1969	MF	10081	2206	679	150	1054	1675	1662	489	2679	87	-
		F	2595	707	207	15	200	167	315	5	691	10	-
	1969	MF	12929	2556	535	162	1343	1774	1947	604	3409	147	-
		F	3022	945	200	16	243	183	367	10	1021	15	-
ANGOLA	1969	MF	14551	15463	1000	165	2680	2428	2834	708	5051	202	-
		F	4106	1556	1000	16	420	273	617	15	1235	32	-
	1969	MF	71	71	-	-	-	-	-	-	-	-	-
		F	000	118	-	-	-	50	-	242	123	73	-
	1965	MF	170	15	-	-	-	44	-	61	46	10	-
		F	980	05	-	-	-	67	-	400	214	163	50
	1967	MF	353	-	-	-	-	61	-	90	89	54	39
		F	1652	160	75	-	-	74	65	464	283	133	-
	1968	MF	455	67	55	-	-	68	30	84	119	32	-
		F	1757	246	160	-	-	66	135	586	194	170	-
		F	692	04	112	-	-	60	84	117	174	51	-
BURUNDI	1969	MF	28	3	-	-	10	11	-	-	2	2	-
		F	2	-	-	-	-	2	-	-	-	-	-
	1965	MF	186	29	26	-	20	50	11	-	41	11	-
		F	10	4	5	-	-	-	-	-	1	-	-
	1967	MF	208	40	36	-	38	76	22	-	40	16	-
		F	10	5	0	-	-	1	5	-	3	-	-
	1968	MF	281	28	46	-	35	81	27	4	67	13	-
		F	24	3	8	-	1	5	5	-	4	-	-
	1969	MF	501	32	75	-	46	98	28	11	49	17	5
		F	25	5	7	-	-	4	5	-	4	-	-
	1969	MF	597	225	200	-	47	97	284	15	42	14	13
		F	10	27	200	-	2	4	21	-	2	-	2
CAMEROON	1969	MF	406	2106	200	-	73	100	202	15	66	18	-
		F	20	11	200	-	2	6	2	-	5	-	-
	1969	MF	470	-	19	-	385	-	-	-	-	6	-
		F	16	-	5	-	3	-	-	-	-	-	-
	1965	MF	1274	118	140	-	804	-	161	-	-	45	-
		F	1732	241	175	-	1022	-	255	-	-	39	-
	1966	MF	16	15	16	-	26	-	14	-	-	-	-
		F	2098	282	202	-	1321	-	239	-	-	48	-
	1967	MF	174	17	19	-	56	-	20	-	-	2	-
		F	1980	400	208	-	881	87	341	-	-	69	-
	1968	MF	103	50	22	-	41	-	8	-	-	2	-
		F	2050	477	254	-	863	120	289	-	38	51	-
CENTRAL AFRICAN REP.	1969	MF	150	47	34	-	61	3	19	-	4	2	-
		F	2040	554	347	-	1093	136	427	-	88	45	-
	1970	MF	200	67	47	-	68	4	51	-	12	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
	1971	MF	80	-	-	-	53	15	-	-	-	20	-
		F	-	-	-	-	3	-	-	-	-	-	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiée
CONGO	1965	MF	1016	84	206	-	408	32	106	-	180	-	-
	1966	MF	1326	102	238	-	633	60	113	-	170	-	-
		F	121	25	7	-	22	2	13	-	56	-	-
	1967	MF	1342	52	282	-	407	4	120	-	85	-	-
		F	97	20	6	-	22	1	9	-	32	-	-
	1968	MF	1485	151	337	-	743	93	132	-	9	-	-
		F	73	31	11	-	20	8	3	-	-	-	-
	1969	MF	1786	157	344	-	1036	108	141	-	-	-	-
		F	72	25	12	-	31	3	1	-	-	-	-
	1970	MF	1788	170	352	-	1039	108	114	-	-	-	-
		F	87	27	12	-	39	4	3	-	-	-	-
DAHOMY	1962	MF	24	24	-	-	-	-	-	-	-	-	-
		F	4	4	-	-	-	-	-	-	-	-	-
	1963	MF	31	-	-	-	-	-	39	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-
	1966	MF	33	-	-	-	-	-	33	-	-	-	-
	1967	MF	115	-	-	-	-	-	115	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-
	1968	MF	174	-	-	-	-	-	174	-	-	-	-
		F	8	-	-	-	-	-	8	-	-	-	-
	1969	MF	221	-	-	-	-	-	220	-	-	-	-
		F	74	-	-	-	-	-	14	-	-	-	-
	1970	MF	311	-	-	-	-	-	311	-	-	-	-
		F	23	-	-	-	-	-	23	-	-	-	-
EGYPT	1961	MF	100630	17763	6718	1149	14106	24481	3036	13838	9983	12281	1453
		F	18129	3207	2281	269	1460	3453	698	712	1762	826	1453
	1963	MF	175245	21218	12160	2685	17618	41775	9494	28438	18732	22232	437
		F	76345	6635	4031	553	2033	10743	2362	2073	5063	2575	425
	1967	MF	174014	20099	11816	5289	15661	37621	7075	29632	25363	21191	667
		F	40507	3822	3643	1247	2212	12256	2106	2284	7128	3162	667
	1968	MF	180453	21414	13034	5285	15129	37140	6065	30494	27124	23668	-
		F	43814	7105	4090	1390	2147	12653	2383	2514	7587	3889	-
	1969	MF	197035	23341	16233	5280	16210	39389	6076	33333	30158	25733	-
		F	50006	6258	3006	1518	2524	14048	2376	2846	8537	4693	-
	1970	MF	218278	23450	18700	5336	18743	47179	7022	36607	32799	27338	-
		F	57407	9135	6315	1631	3240	17363	2705	3128	8480	5302	-
ETHIOPIA	1961	MF	884	135	82	-	-	105	47	219	56	190	-
		F	40	25	4	-	-	2	8	1	-	-	-
	1963	MF	2256	377	624	-	94	329	127	302	145	258	-
		F	752	35	25	-	1	43	13	2	33	-	-
	1966	MF	2828	440	799	-	110	427	248	374	202	228	-
		F	167	40	36	-	-	57	20	2	10	-	-
	1967	MF	3300	471	993	-	189	517	368	354	732	236	-
		F	227	54	43	-	3	69	31	4	13	10	-
	1968	MF	3870	561	1106	-	177	562	398	441	278	347	-
		F	287	61	57	-	1	93	31	4	16	24	-
	1969	MF	4036	466	969	-	276	482	288	373	200	444	-
		F	346	47	52	-	5	76	20	1	17	48	-
GABON	1961	MF	4343	672	817	-	259	611	319	543	295	461	-
		F	354	102	29	-	4	611	16	2	25	31	-
	1963	MF	21	-	-	-	-	-	-	11	-	10	-
		F	74	-	-	-	-	-	-	8	-	6	-
	1967	MF	17	-	-	-	-	-	-	2	-	15	-
		F	30	-	-	-	-	-	-	6	-	24	-
	1969	MF	38	-	-	-	-	-	-	39	-	19	-
		F	65	-	-	-	-	-	-	39	-	26	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
GHANA	1961	MF	1501	208	361	100	33	107	286	171	-	102	15
		F	100	35	104	7	1	6	1	-	-	-	3
	1963	MF	4031	868	1343	323	146	436	733	337	240	93	23
		F	304	128	144	64	12	630	43	-	41	2	3
	1964	MF	3028	948	1540	370	146	467	592	302	257	190	16
		F	334	131	200	30	14	443	46	-	38	7	63
	1965	MF	3368	1018	1722	363	140	396	563	342	303	296	21
		F	613	144	248	47	24	23	62	-	38	18	9
	1966	MF	3644	992	1703	606	156	408	544	424	367	365	77
		F	643	149	231	33	30	37	34	-	44	33	36
	1967	MF	3467	1006	1508	541	138	378	504	460	402	416	93
	1968	MF	3620	1310	1531	306	164	611	528	296	428	437	-
		F	774	246	286	43	23	611	34	-	88	30	-
GUINEA	1961	MF	1476	-	-	-	-	694	944	-	216	113	-
		F	-	-	-	-	-	-	-	-	-	-	-
IVORY COAST	1961	MF	338	37	-	-	3239	-	42	-	-	-	-
		F	36	23	-	-	10	-	3	-	-	-	-
	1963	MF	1021	373	233	-	360	-	313	-	128	-	-
		F	231	138	20	-	40	-	34	-	19	-	-
	1964	MF	2211	334	281	-	683	-	520	-	167	-	-
		F	333	146	24	-	33	-	36	-	26	-	-
	1965	MF	2641	603	303	-	672	224	541	-	240	-	-
		F	344	202	20	-	61	4	38	-	38	-	-
	1966	MF	2837	337	241	-	896	266	447	-	290	-	60
		F	413	176	23	-	84	16	37	-	53	-	8
	1967	MF	3733	824	333	-	1160	330	544	-	418	-	94
		F	327	243	20	-	80	19	32	-	33	-	16
KENYA <sup>a</sup>	1961	MF	346	-	-	31	-	27	-	113	-	-	144
		F	421	213	-	82	-	138	133	261	-	87	3
	1963	MF	1134	270	18	81	-	183	188	282	-	118	9
		F	1320	333	33	101	-	280	241	321	26	146	17
	1964	MF	1878	424	30	111	-	410	286	344	67	189	12
		F	2441	373	33	123	-	482	346	364	149	211	-
LESOTHO	1961	MF	167	68	11	-	-	36	32	-	-	-	-
		F	36	13	3	-	-	4	14	-	-	-	-
	1963	MF	637	128	14	-	21	611	64	-	-	-	-
		F	30	32	6	-	1	611	11	-	-	-	-
	1964	MF	336	114	13	-	23	73	102	-	-	-	19
		F	90	37	4	-	6	13	14	-	-	-	4
	1965	MF	386	130	21	-	23	46	103	-	-	-	11
		F	124	48	13	-	7	28	23	-	-	-	3
LIBERIA <sup>a</sup>	1961	MF	402	131	22	-	34	94	108	-	-	-	-
		F	134	63	14	-	4	31	26	-	-	-	-
	1963	MF	487	232	111	-	23	111	111	-	-	93	-
		F	46	66	24	-	1	111	111	-	-	-	-
	1964	MF	683	403	161	-	37	111	111	-	7	71	-
		F	144	93	31	-	6	111	111	-	7	1	-
	1965	MF	147	442	144	-	30	111	111	-	14	97	-
		F	174	112	41	-	7	111	111	-	13	1	-
	1966	MF	1083	608	174	-	40	111	111	-	23	130	108
		F	221	134	63	-	4	111	111	-	16	2	20
	1967	MF	1282	741	183	-	31	111	111	-	22	129	174
		F	247	168	38	-	3	111	111	-	17	-	21
LIBERIA <sup>a</sup>	1968	MF	1221	812	173	-	32	111	111	-	27	141	62
		F	241	178	33	-	1	111	111	-	18	2	7



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
LIBYAN ARAB REP.	1961	MF	728	303	-	-	-	310	115	-	-	-	-
	1961	MF	970	383	-	-	-	383	152	52	-	-	-
		F	59	-	-	-	-	19	9	2	-	-	-
	1965	MF	1926	681	80	-	238	449	278	200	-	-	-
		F	154	40	432	-	7	21	61	4	-	-	-
	1967	MF	2215	821	117	-	239	441	325	231	-	43	-
		F	208	78	32	-	14	28	50	6	-	-	-
	1967	MF	2494	947	186	-	303	387	296	282	-	98	-
	1967	MF	3009	1002	254	-	411	435	308	354	-	197	-
		F	530	138	65	-	18	36	55	16	-	6	-
	1969	MF	3065	1264	561	-	472	553	335	427	-	253	-
		F	410	100	70	-	12	47	58	16	-	11	-
	1970	MF	5222	2122	619	-	501	681	532	605	49	313	-
		F	565	246	112	-	15	60	76	56	5	11	-
MADAGASCAR	1961	MF	749	143	-	-	393	26	129	-	58	-	-
		F	170	74	-	-	48	-	32	-	16	-	-
	1965	MF	3145	557	119	-	1450	286	607	20	36	70	-
		F	194	298	960	-	225	20	160	-	13	18	-
	1966	MF	5441	550	130	-	1649	275	712	22	49	74	-
		F	887	285	980	-	295	16	182	-	16	13	-
	1967	MF	5847	623	173	-	1860	213	782	26	60	110	-
		F	1046	294	126	-	362	13	212	-	23	16	-
	1968	MF	5627	748	198	-	1515	226	714	31	58	137	-
		F	1387	385	153	-	614	17	174	-	24	20	-
	1969	MF	4261	888	195	-	1747	265	681	77	288	121	-
		F	1294	460	156	-	379	24	164	1	96	14	-
	1970	MF	5758	1592	216	-	2051	322	976	95	199	107	-
		F	1625	716	166	-	429	73	274	4	147	16	-
MALAWI	1966	MF	766	160	92	-	-	140	140	84	34	118	-
		F	100	21	45	-	-	12	20	-	-	11	-
	1969	MF	972	171	145	-	11	156	140	121	44	184	-
		F	163	28	77	-	-	15	22	-	6	15	-
	1970	MF	986	183	145	-	18	158	161	101	38	196	-
		F	175	20	77	-	1	20	25	-	4	19	-
MALI	1965	MF	139	-	84	-	-	45	-	-	-	-	-
		F	17	-	12	-	-	15	-	-	-	-	-
	1966	MF	206	-	117	-	-	40	-	-	-	-	-
		F	27	-	18	-	-	19	-	-	-	-	-
	1967	MF	345	-	141	-	-	128	-	-	-	76	-
		F	33	-	18	-	-	15	-	-	-	-	-
	1968	MF	420	-	209	-	-	132	-	-	-	79	-
		F	46	-	25	-	-	23	-	-	-	-	-
	1969	MF	626	-	236	-	-	24	-	61	-	98	-
		F	51	-	16	-	-	-	-	-	-	-	-
1970	MF	751	-	232	-	-	36	259	-	85	29	90	-
		F	77	-	21	-	12	37	-	-	7	-	-
MAURITIUS	1966	MF	77	-	-	-	-	-	-	-	-	77	-
	1965	MF	97	-	-	-	-	-	-	-	-	98	-
	1966	MF	95	-	-	-	-	-	-	-	-	93	-
	1967	MF	86	-	-	-	-	-	-	-	-	80	-
	1968	MF	178	-	-	-	-	105	-	-	-	73	-
		F	20	-	-	-	-	16	-	-	-	3	-
	1969	MF	535	-	-	-	-	388	-	80	-	67	-
	1970	MF	1975	-	-	-	-	1350	-	350	-	275	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
MOROCCO	1960	MF	4065	1115	-	-	411	2498	1019	-	33	-	-
	1965	MF	8946	1836	1516	-	411	3988	700	325	527	104	-
		F	1089	295	270	-	411	1294	134	2	93	1	-
	1966	MF	7154	1357	1875	-	658	2105	698	322	588	131	-
		F	1051	144	420	-	39	195	147	2	97	1	-
	1966	MF	13008	3088	3084	-	1921	2354	491	292	1002	176	-
		F	1940	697	673	-	114	254	54	7	149	-	-
	1969	MF	15355	4361	3772	-	2315	2569	503	313	1163	359	-
		F	2485	843	825	-	140	315	119	6	237	-	-
	1970	MF	16097	4622	2799	-	2678	3311	684	290	1321	392	-
		F	2674	959	616	-	223	466	129	6	271	4	-
MOZAMBIQUE	1965	MF	542	108	35	-	-	30	-	205	103	63	-
	1966	MF	697	117	70	-	-	33	-	251	152	74	-
		F	265	46	35	-	-	31	-	54	73	28	-
	1967	MF	904	132	72	-	-	30	43	344	189	94	-
		F	349	53	45	-	-	28	26	62	95	40	-
	1968	MF	1145	147	84	-	-	43	99	410	257	105	-
		F	467	61	59	-	-	41	61	68	132	45	-
NIGERIA <sup>10</sup>	1961	MF	3128	776	200	124	-	641	668	249	359	111	-
	1965	MF	8533	1464	1965	202	366	1693	1369	573	664	639	-
		F	1124	216	421	15	24	105	199	21	97	26	-
	1966	MF	10976	1737	2405	100	445	1827	1648	773	842	858	341
		F	1370	280	455	7	33	102	257	1	127	60	50
	1967	MF	8076	1431	1741	51	330	1501	1078	424	868	497	155
		F	1078	256	328	6	34	114	158	2	142	27	31
	1968	MF	9775	1790	2201	156	443	1572	1357	550	1021	685	-
		F	1595	320	510	12	36	115	167	2	193	40	-
	1970	MF	14586	2160	1917	111	691	2880	2450	1070	1708	1255	255
		F	2047	434	468	111	78	255	375	11	308	75	43
REUNION <sup>3</sup>	1965	MF	243	83	-	-	92	-	50	-	-	-	-
		F	107	54	-	-	30	-	25	-	-	-	-
	1966	MF	365	81	-	-	231	-	55	-	-	-	-
		F	129	41	-	-	64	-	24	-	-	-	-
	1969	MF	659	223	-	-	283	-	133	-	-	-	-
		F	287	141	-	-	99	-	47	-	-	-	-
RWANDA	1965	MF	50	18	-	-	-	13	-	-	19	-	-
	1965	MF	121	21	-	-	-	44	30	-	26	-	-
	1966	MF	130	18	-	-	-	61	23	-	28	-	-
		F	5	-	-	-	-	5	-	-	-	-	-
	1967	MF	161	30	-	-	-	69	40	-	22	-	-
	1968	MF	199	41	-	-	-	68	69	-	21	-	-
		F	12	1	-	-	-	7	4	-	-	-	-
	1969	MF	287	55	-	-	-	78	58	-	96	-	-
		F	25	2	-	-	-	9	1	-	11	-	-
	1970	MF	584	91	-	-	-	77	98	-	118	-	-
		F	25	7	-	-	-	12	3	-	3	-	-
SENEGAL	1960	MF	1591	338	-	-	557	-	342	-	154	-	-
		F	240	121	-	-	24	-	58	-	37	-	-
	1965	MF	2790	675	100	-	795	284	441	35	460	-	-
		F	490	231	7	-	63	19	69	-	101	-	-
	1966	MF	3558	850	124	-	882	340	540	75	547	-	-
		F	558	276	14	-	51	22	77	-	498	-	-
	1967	MF	3971	997	145	-	1123	396	580	58	636	36	-
		F	685	343	19	-	86	25	79	1	132	-	-
	1968	MF	2965	668	181	-	609	236	414	72	731	54	-
		F	486	203	36	-	57	14	45	1	131	1	-
1969	MF	3559	997	115	-	786	356	459	67	3	759	20	-
		F	621	302	24	-	63	19	45	3	167	-	-
	1970	MF	4962	1384	103	-	1116	650	502	122	987	98	-
		F	851	389	20	-	114	30	47	4	226	1	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
SEYCHELLES	1960	MF	50	-	30	-	-	-	-	-	-	-	-
		F	23	-	23	-	-	-	-	-	-	-	-
	1965	MF	48	-	48	-	-	-	-	-	-	-	-
		F	36	-	36	-	-	-	-	-	-	-	-
	1970	MF	87	-	87	-	-	-	-	-	-	-	-
		F	81	-	81	-	-	-	-	-	-	-	-
SIERRA LEONE	1960	MF	502	119	12	-	-	87	77	7	-	-	-
		F	53	25	4	-	-	2	2	-	-	-	-
	1965	MF	719	259	41	-	-	160	83	40	-	136	-
		F	125	82	4	-	-	10	10	-	-	19	-
	1966	MF	742	235	76	-	-	143	78	36	-	143	11
	1967	MF	715	239	56	-	-	127	76	53	-	82	82
		F	139	73	7	-	-	19	16	-	-	2	22
	1968	MF	812	290	156	-	-	99	95	75	-	66	29
		F	142	81	21	-	-	17	12	-	-	1	10
	1969	MF	1055	365	214	-	-	94	114	99	-	133	36
	1970	MF	1155	440	214	-	-	78	136	111	-	146	30
		F				-	-				-		
SOMALIA	1960	MF	53	-	-	-	33	3	-	-	-	-	-
		F	7	-	-	-	7	3	-	-	-	-	-
	1965	MF	60	-	-	-	28	32	-	-	-	-	-
		F	6	-	-	-	-	6	-	-	-	-	-
	1967	MF	88	-	-	-	41	17	-	-	-	30	-
		F	11	-	-	-	7	4	-	-	-	-	-
	1968	MF	304	-	154	-	47	43	-	-	-	60	-
		F	17	-	2	-	8	5	-	-	-	2	-
	1969	MF	548	-	214	-	140	138	-	-	-	56	-
		F		-		-			-	-	-		-
SUDAN	1962	MF	5520	1150	376	107	642	1062	586	874	405	165	183
		F	549	79	63	17	15	85	24	-	65	1	-
	1965	MF	7976	1666	789	111	866	2073	733	929	470	289	50
		F	629	148	115	9	48	152	42	2	63	-	50
	1967	MF	10533	2179	609	119	1189	2819	878	1075	490	463	710
		F	1117	324	135	22	87	321	64	1	92	10	83
	1968	MF	10415	2214	677	120	1169	2784	887	1124	923	566	849
		F	1276	361	157	23	83	312	76	17	115	26	106
	1969	MF	11833	2508	780	130	1378	3046	1027	1163	566	588	645
		F											
	1970	MF	1387	434	137	22	104	365	88	10	114	25	88
		F	14308	3712	709	160	1627	3856	1250	1419	852	587	136
		F	1852	606	144	28	142	471	91	11	138	24	107
TANZANIA, UNITED REP. OF	1961	MF	14	-	-	-	14	-	-	-	-	-	-
	1965	MF	540	249	17	-	153	68	40	-	-	-	11
		F	972	446	4	-	46	49	46	-	-	-	11
	1966	MF	860	453	57	-	189	60	92	-	-	-	9
	1967	MF	1154	613	86	-	219	63	153	-	-	-	6
	1968	MF	1554	788	144	-	272	71	229	-	23	26	1
	1969	MF	2176	976	188	-	271	67	323	-	104	209	58
	1970	MF	2627	585	877	-	157	-	62	-	123	223	-
		F	335	98	178	-	10	-	11	-	11	27	-



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
TOGO	1965	MF	73	73	-	-	-	-	-	-	-	-	-
		F	15	15	-	-	-	-	-	-	-	-	-
	1966	MF	85	85	-	-	-	-	-	-	-	-	-
		F	20	20	-	-	-	-	-	-	-	-	-
	1967	MF	89	89	-	-	-	-	-	-	-	-	-
		F	11	11	-	-	-	-	-	-	-	-	-
	1968	MF	221	206	15	-	-	-	-	-	-	-	-
		F	40	40	-	-	-	-	-	-	-	-	-
	1969	MF	296	263	33	-	-	-	-	-	-	-	-
		F	57	57	-	-	-	-	-	-	-	-	-
TUNISIA	1960	MF	2378	795	169	-	597	169	569	-	-	59	-
		F	407	202	15	-	68	16	102	-	-	4	-
	1965	MF	5029	1896	651	-	885	506	1197	-	321	173	-
		F	1020	511	80	-	94	42	234	-	52	7	-
	1966	MF	6089	1963	479	-	1051	628	1369	-	413	186	-
		F	1143	521	72	-	115	54	290	-	71	12	-
	1967	MF	6086	2069	535	-	1115	755	1464	-	566	204	-
		F	1354	606	106	-	158	69	315	-	93	12	-
	1968	MF	7668	2502	492	-	1229	885	1771	-	717	272	-
		F	1631	676	108	-	231	92	383	-	152	9	-
UGANDA <sup>12</sup>	1960	MF	913	314	75	31	-	6	280	-	141	72	-
		F	68	37	11	6	-	1	10	-	4	-	-
	1965	MF	1237	452	210	44	-	6	175	-	270	86	-
		F	169	81	44	9	-	1	14	-	21	-	-
	1966	MF	1580	487	231	63	-	50	228	-	331	139	51
		F	1860	581	289	73	-	106	264	-	381	179	7
	1967	MF	2179	717	267	58	21	95	333	-	447	222	19
		F	2694	876	322	72	53	69	357	-	492	251	-
	1968	MF	2933	1142	306	107	101	6	487	-	483	308	19
		F	518	240	71	18	17	1	67	-	77	20	8
ZAMBIA	1961	MF	1314	164	69	-	355	191	95	66	148	33	193
		F	4031	542	352	40	166	1028	634	274	452	131	1032
	1966	MF	237	115	29	-	-	26	33	-	13	1	20
		F	5027	821	312	67	221	1387	629	435	849	245	863
	1967	MF	226	114	21	-	-	18	30	-	27	1	15
		F	8401	1345	322	77	749	1707	1181	459	873	352	1336
	1968	MF	375	138	27	5	7	53	55	-	34	2	34
		F	10165	1556	532	95	739	2584	1401	612	657	284	1705
		F	490	148	44	2	18	73	78	10	26	-	61
		F	490	148	44	2	18	73	78	10	26	-	61
ZAMBIA	1966	MF	512	189	41	-	-	6	82	-	-	-	-
		F	62	46	6	-	-	1	10	-	-	-	-
	1967	MF	689	401	84	-	33	6	171	-	-	-	-
		F	130	88	25	-	41	6	16	-	-	-	-
	1968	MF	871	411	101	-	59	69	191	18	22	-	-
		F	149	59	35	-	5	27	22	-	1	-	-
	1969	MF	1435	470	432	-	80	84	286	45	38	-	-
		F	252	71	116	-	6	36	21	-	2	-	-
	1970	MF	1071	644	244	-	88	6	388	174	56	52	25
		F	248	112	70	-	4	6	50	-	3	1	-

# NOTES

- |   |   |
|---|---|
| 1. Education is included with humanities.   | 1. L'éducation est classée avec les lettres.  |
| 2. Education is included in part with humanities and in part with natural sciences.   | 2. L'éducation est classée, en partie avec les lettres et en partie avec les sciences exactes et naturelles.  |
| 3. Economics are included with law.   | 3. Le droit comprend les sciences économiques.  |
| 4. Social sciences and law are counted together.  | 4. Les sciences sociales et le droit sont classés ensemble.   |
| 5. Students enrolled either in the first year or the preparatory year.  | 5. Etudiants inscrits en première année ou en année préparatoire.   |
| 6. Social sciences are included with humanities.  | 6. Les sciences sociales sont classées avec les lettres.  |
| 7. The distribution is not strictly comparable with that of preceding years.  | 7. La répartition n'est pas strictement comparable à celle des années précédentes.  |
| 8. University of Nairobi only.  | 8. Université de Nairobi seulement.   |
| 9. Social sciences and natural sciences are included with humanities.   | 9. Les sciences sociales et les sciences exactes et naturelles sont classées avec les lettres.  |
| 10. Data for 1967 and 1968 refer to four universities and not five. The distribution for 1970 is not strictly comparable with that for preceding years. | 10. Les données pour les années 1967 et 1968 ne comprennent que quatre universités au lieu de cinq. La répartition pour 1970 n'est pas strictement comparable à celle des années précédentes. |
| 11. Fine arts are included with humanities.   | 11. Les beaux-arts sont classés avec les lettres.   |
| 12. University of Makerere only.  | 12. Université de Makerere seulement.   |

Table/Tableau 1.3 Distribution of graduates by field of study  
Répartition des diplômes par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ALGERIA	1964	MF	775	210	-	19	89	172	84	75	105	21	-
		F	181	81	-	-	13	33	22	-	32	-	-
	1970	MF	1231	302	-	23	218	218	141	111	197	21	-
BURUNDI	1967	MF	67	12	9	-	15	19	6	-	5	1	-
		F	4	1	1	-	-	-	2	-	-	-	-
	1968	MF	80	10	12	-	18	22	7	2	5	4	-
		F	4	1	3	-	-	-	-	-	-	-	-
	1969	MF	185	29	13	-	20	66	19	6	30	2	-
		F	11	2	2	-	-	4	1	-	2	-	-
CAMBODIA	1964	MF	71	-	19	-	47	-	-	-	-	5	-
	1969	MF	396	107	67	-	156	24	36	-	-	6	-
		F	28	14	3	-	3	-	2	-	-	2	-
CONGO	1970	MF	218	165	99	-	122	17	100	-	-	15	-
		F	33	23	16	-	4	1	7	-	-	-	-
CONGO	1967	MF	116	26	49	-	31	6	4	-	-	-	-
	1968	MF	164	37	60	-	45	13	9	-	-	-	-
	1969	MF	265	75	93	-	62	13	22	-	-	-	-
DAHOMY	1962	MF	12	12	-	-	-	-	-	-	-	-	-
	1963	MF	10	-	-	-	-	-	10	-	-	-	-
	1966	MF	18	-	-	-	-	-	18	-	-	-	-
	1968	MF	13	-	-	-	-	-	13	-	-	-	-
	1969	MF	39	-	-	-	-	-	39	-	-	-	-
	1970	MF	31	-	-	-	-	-	31	-	-	-	-
EGYPT		F	2	-	-	-	-	-	2	-	-	-	-
	1960	MF	12354	3842	1279	180	1122	2528	475	1099	1059	972	-
		F	1781	493	486	33	99	338	62	25	147	94	-
	1965	MF	21239	5162	1910	591	1821	4884	1433	2396	2168	2854	20
		F	4575	871	759	167	100	1417	329	128	506	298	-
	1966	MF	26886	5482	1795	731	1904	8249	1709	3206	1753	4057	-
		F	6391	1163	698	158	243	2558	394	198	518	461	-
	1967	MF	26702	5842	1828	724	1991	7027	1535	3877	2319	3559	-
		F	6135	1056	637	166	258	2156	388	310	744	420	-
	1968	MF	31586	4051	2229	704	2788	7778	2047	3631	3604	4684	50
		F	7412	1166	711	145	339	2516	527	287	995	726	-
ETHIOPIA	1969	MF	32516	4172	3301	982	2522	6838	2053	4742	3460	4356	70
		F	8172	1311	1209	264	364	2409	569	346	993	709	-
	1970	MF	30905	3774	3263	964	1965	6485	1205	3071	4263	3917	-
		F	8651	1262	1216	261	292	2629	406	449	1401	733	-
ETHIOPIA	1960	MF	144	9	17	-	-	16	5	35	18	44	-
	1965	MF	456	48	149	-	8	29	14	69	81	58	-
		F	34	5	1	-	-	4	-	-	24	-	-
	1966	MF	475	43	127	-	29	29	27	83	97	60	-
		F	45	5	5	-	-	3	2	1	29	-	-
	1967	MF	660	20	258	-	17	121	27	58	121	38	-
	1968	MF	635	30	319	-	19	87	10	13	124	33	-
	1969	MF	852	25	350	-	22	176	15	78	137	49	-
	1970	MF	1042	3	525	-	35	166	38	76	132	50	-
		F	89	3	34	-	1	19	2	-	33	-	-
GHANA <sup>4</sup>	1961	MF	259	59	21	27	-	55	38	26	5	28	-
	1965	MF	811	139	145	87	52	197	46	64	46	35	-
	1966	MF	929	119	181	128	31	267	50	79	30	44	-
	1967	MF	934	182	168	111	39	213	65	43	29	83	-
	1968	MF	1100	234	177	119	42	213	79	80	69	67	-
	1970	MF	1544	300	186	141	40	237	136	111	78	115	-



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agr. culture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
IVORY COAST	1969 MF		452	173	63	-	72	14	76	-	17	-	35
	1971 MF		521	176	93	-	82	29	69	-	38	-	34
KENYA <sup>5</sup>	1965 MF		143	22	15	6	-	31	23	36	-	8	-
	F		27	6	7	3	-	10	1	-	-	-	-
	1966 MF		209	59	15	3	-	31	31	33	-	17	-
	F		41	22	7	2	-	8	2	-	-	-	-
	1967 MF		293	86	28	7	-	48	41	67	-	16	-
	F		68	21	20	3	-	12	11	-	-	1	-
	1969 MF		463	118	30	23	-	118	66	64	7	37	-
	1970 MF		640	176	25	44	-	133	65	123	9	45	-
LESOTHO	1960 MF		36	18	7	-	-	2	9	-	-	-	-
	F		10	5	2	-	-	2	1	-	-	-	-
	1968 MF		46	20	3	-	3	10	10	-	-	-	-
	F		4	-	1	-	-	2	1	-	-	-	-
	1969 MF		103	28	14	-	13	13	19	-	-	14	-
	F		13	3	3	-	1	3	3	-	-	-	-
	1970 MF		100	25	11	-	21	18	9	-	-	16	-
	F		25	12	5	-	-	5	3	-	-	-	-
LIBERIA <sup>5</sup>	1961 MF		435	114	427	111	-	111	8	-	-	6	-
	F		49	43	40	111	-	111	-	-	-	-	-
	1965 MF		89	23	29	111	2	111	21	-	-	16	-
	F		10	6	3	111	-	111	1	-	-	-	-
	1967 MF		95	35	20	111	9	111	13	-	3	13	-
	F		23	7	7	111	2	111	3	-	3	1	-
	1969 MF		116	58	20	111	16	111	12	-	3	7	-
	1970 MF		136	71	43	111	9	111	17	-	6	10	-
LIBYAN ARAB REP.	1960 MF		67	27	7	-	-	29	11	-	-	-	-
	1963 MF		194	72	7	-	23	30	49	-	-	-	-
	F		14	6	7	-	-	1	7	-	-	-	-
	1968 MF		392	116	57	-	44	34	72	49	-	-	-
	F		30	6	17	-	4	3	17	1	-	-	-
	1969 MF		513	228	39	-	48	36	62	32	-	28	-
	1970 MF		596	262	69	-	36	83	34	36	-	34	-
	F		58	23	13	-	1	5	10	2	-	2	-
MADAGASCAR	1967 MF		287	49	37	-	74	37	40	10	-	-	-
	F		88	27	33	-	12	3	11	-	-	-	-
	1968 MF		364	148	74	-	109	78	140	-	-	15	-
	F		176	87	23	-	3	6	49	-	-	6	-
	1969 MF		629	243	78	-	83	31	137	11	-	26	-
	F		226	155	10	-	13	2	34	-	-	4	-
	1970 MF		634	225	80	-	78	68	149	9	-	23	-
	F		438	137	20	-	13	10	34	-	-	4	-
MALAWI	1965 MF		29	-	29	-	-	-	-	-	-	-	-
	F		9	-	9	-	-	-	-	-	-	-	-
	1966 MF		41	-	31	-	-	10	-	-	-	-	-
	F		10	-	10	-	-	-	-	-	-	-	-
	1967 MF		108	-	43	-	-	36	-	17	12	-	-
	F		12	-	11	-	-	1	-	-	-	-	-
	1968 MF		139	24	-	-	-	44	17	23	8	23	-
	F		6	-	-	-	-	3	1	-	-	-	-
	1969 MF		188	6	33	-	-	60	24	22	14	27	-
	F		31	2	17	-	-	7	3	-	-	-	-
	1970 MF		480	9	61	-	4	64	20	62	25	34	1
	F		47	3	26	-	-	8	2	-	1	7	-
MALI	1965 MF		14	-	14	-	-	-	-	-	-	-	-
	1966 MF		38	-	19	-	-	19	-	-	-	-	-
	F		6	-	3	-	-	1	-	-	-	-	-
	1969 MF		128	-	34	-	8	39	-	23	-	22	-
	F		10	-	2	-	3	2	-	-	-	-	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe	Total	Lettres	Éducation	Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
MAURITIUS	1960	MF	4									9	
	1966	MF	32									32	
	1967	MF	22									22	
MOROCCO	1970	MF	3049	1032	1077		532	136	39	67	40	84	
		F	302	203	227		40	9	19		4		
MOZAMBIQUE	1966	MF	65	14	11								
		F	4		4								
	1967	MF	48	11	35			2					
		F	25		23			2					
NIGERIA	1961	MF	438	65	150	18		47	77	25	35	21	
		F	58	3	20			2	3		2		
	1965	MF	1607	343	226	70	73	425	200	81	73	116	
		F	120	42	31	1	3	15	19	1	4	2	
	1966	MF	1403	321	175	10	49	276	188	34	89	59	
		F	108	29	34	1	3	17	16		6	2	
	1967	MF	1474	323	225	24	63	259	156	60	96	70	
		F	176	68	40	1	7	13	24		22	1	
RWANDA	1965	MF	8	4				4					
	1966	MF	14	2				9	3				
	1967	MF	31	4				14	4		9		
	1968	MF	23	4				11	2		6		
	1969	MF	30	9				14	7				
SENEGAL	1965	MF	282	67			152	111	48		15		
		F	50	18			13	11	15		4		
	1967	MF	735	269	39		227	111	150		30		
	1968	MF	514	229	55		35	75	71		31		
	1970	MF	646	283	38		60	107	70	48	40		
SIERRA LEONE	1960	MF	39	17	12			19	10	1			
		F	6		4			1	1				
	1965	MF	161	51	11			43	22	5		29	
		F	15	11	2				2				
	1966	MF	139	41	14			43	15	10		18	
	1967	MF	173	67	29			32	8	11		46	
SUDAN	1961	MF	510	103	95	24	61	121	25	38	28	15	
	1965	MF	1042	182	227	26	80	132	94	163	87	49	
	1966	MF	1212	186	310	26	130	142	36	192	103	81	
		F	105	14	38	5	6	29			13		
	1967	MF	1478	271	324	25	119	231	37	279	113	79	
		F	156	16	47	2	5	39			27		
	1968	MF	1620	380	407	21	118	212	54	194	124	150	
	10 1971	MF	1874	568	144	37	156	429	52	135	115	238	
		F	251	105	14	4	16	62	7		26	17	
TANZANIA, UNITED REP. OF	1965	MF	34				34						
		F	1				1						
	1969	MF	426		218		56	128	9		15		
		F	63		35		2	23	2		1		
TOGO	1968	MF	43	43									
		F	12	12									
	1969	MF	62	62									
		F	13	13									
	1970	MF	179	79	14		34	37	15				
		F	16	7			8	1					

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiée
TUNISIA	1961	MF	151	37	34	-	41	4	24	-	-	11	-
	1965	MF	428	98	159	-	47	60	29	-	-	35	-
		F	63	32	14	-	4	4	9	-	-	-	-
	1966	MF	566	119	184	-	103	70	69	-	-	41	-
		F	68	21	23	-	5	7	12	-	-	-	-
	1967	MF	698	154	224	-	114	94	69	-	-	43	-
		F	126	48	30	-	9	11	20	-	-	2	-
	1968	MF	775	186	224	-	125	70	124	-	-	48	-
		F	127	38	44	-	11	10	22	-	-	2	-
UGANDA <sup>11</sup>	1960	MF	159	65	39	4	-	100	12	-	24	17	-
		F	11	3	7	-	-	100	-	-	1	-	-
	1965	MF	340	125	124	9	-	100	34	-	31	19	-
		F	48	13	29	1	-	100	3	-	2	-	-
	1969	MF	669	277	142	16	-	100	83	-	95	36	-
		F	127	71	31	3	-	100	12	-	9	1	-
ZAMBIA	1971	MF	726	280	81	24	29	100	153	-	87	72	-
ZAMBIA	1966	MF	56	-	30	-	-	-	-	-	-	-	-
	1967	MF	76	-	40	-	-	36	-	-	-	-	-
	1968	MF	99	26	53	-	-	20	-	-	-	-	-
		F	53	6	17	-	-	10	-	-	-	-	-
	1969	MF	163	42	50	-	23	32	4	-	6	-	-
		F	41	6	17	-	1	15	1	-	1	-	-
	1970	MF	243	49	118	-	11	32	13	4	16	-	-
		F	55	9	28	-	-	15	2	-	1	-	-

# NOTES

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|---|---|
| 1. Natural sciences are included with medical sciences.   | 1. Les sciences exactes et naturelles sont classées avec les sciences médicales.  |
| 2. Not including postgraduate university degrees.   | 2. Non compris les grades universitaires supérieurs (postgradués).  |
| 3. Social sciences and humanities are counted together.   | 3. Les sciences sociales et les lettres sont classées ensemble.   |
| 4. Not including higher teacher training.   | 4. Non compris l'enseignement normal supérieur.   |
| 5. University of Nairobi only.  | 5. Université de Nairobi seulement.   |
| 6. Fine-arts and social sciences are included with humanities.  | 6. Les beaux arts et les sciences sociales sont classées avec les lettres.  |
| 7. Education is included with humanities.   | 7. L'éducation est classée avec les lettres.  |
| 8. Not including higher teacher training. Data for 1966 and 1967 refer to four universities and not five. | 8. Non compris l'enseignement normal supérieur. Les données pour 1966 et 1967 se réfèrent à quatre universités au lieu de cinq. |
| 9. Economics are included with law.   | 9. Le droit comprend les sciences économiques.  |
| 10. Not including diplomas awarded by Colleges of education: 312 in 1968.                                 | 10. Non compris les diplômes décernés par les Instituts d'éducation: 312 en 1968.   |
| 11. University of Makerere only. Social sciences are included with humanities.                            | 11. Université de Makerere seulement. Les sciences sociales sont classées avec les lettres.                                     |



**Table/Tableau 1.4 Distribution of graduates by level of degree or diploma  
Répartition des diplômés selon le niveau du diplôme obtenu**

A - Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
B - First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
C - Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
ALGERIA	1969	-	746	27	-	174	7
	1970	-	1231	...	-	...	...
BURUNDI	1967	58	9	-	3	1	-
	1968	68	14	-	1	3	-
	1969	172	13	-	9	4	-
	1970	171	24	-	10	1	-
CAMBODIA	1964	41	30	-	...	...	-
	1969	461	135	-	15	13	-
	1970	531	187	-	40	13	-
CONGO	1967	115	9	-	-	-	-
	1968	151	13	-	-	-	-
	1969	256	9	-	-	-	-
DANUNY	1965	10	-	-	1	-	-
	1966	18	-	-	3	-	-
	1968	13	-	-	...	-	-
	1969	39	-	-	3	-	-
	1970	51	-	-	2	-	-
EGYPT	1960	-	12345	209	-	1725	58
	1965	-	18711	2528	-	4290	285
	1968	-	27929	3657	-	6940	472
	1969	-	29200	3316	-	7743	429
	1970	-	30905	...	-	8651	...
ETHIOPIA	1960	30	114	-	...	...	-
	1965	242	214	-	28	...	-
	1966	230	245	-	...	...	-
	1967	376	284	-	...	...	-
	1968	558	277	-	...	...	-
	1969	562	490	-	...	...	-
	1970	500	544	-	62	27	-
GHANA <sup>1</sup>	1965	228	585	57	-	-	-
	1966	230	585	114	-	-	-
	1967	221	665	48	-	-	-
	1968	209	800	85	-	-	-
	1970	249	990	105	-	-	-
IVORY COAST	1969	87	318	47	-	-	-
	1971	89	341	91	-	-	-
KENYA <sup>2</sup>	1965	17	106	20	12	8	27
	1966	11	179	19	10	24	7
	1967	17	244	32	15	35	20
	1969	14	415	34	...	...	...
	1970	17	578	45	...	...	...
LESOTHO	1968	4	40	2	-	3	1
	1969	26	69	6	-	10	3
	1970	31	65	4	2	25	-
LIBERIA	1961	-	55	-	-	9	-
	1965	-	89	-	-	10	-
	1967	-	95	-	-	25	-
	1969	-	116	-	-	...	-
	1970	-	150	-	-	...	-

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
LIBYAN ARAB REP.	1960	"	67	"	"	1	"
	1963	"	194	"	"	14	"
	1968	"	392	"	"	50	"
	1969	"	513	"	"	111	"
	1970	"	596	"	"	58	"
MADAGASCAR	1967	136	124	7	43	45	"
	1968	432	127	3	128	48	"
	1969	415	213	1	142	84	"
	1970	589	245	"	125	113	"
MALAWI	1965	29	"	"	9	"	"
	1966	31	"	10	10	"	"
	1967	96	"	12	12	"	"
	1968	87	50	2	3	1	"
	1969	131	56	1	23	6	"
	1970	216	65	1	37	10	"
MALI	1965	"	14	"	"	"	"
	1966	"	38	"	"	4	"
	1969	"	128	"	"	10	"
MAURITIUS	1960	9	"	"	"	"	"
	1966	32	"	"	"	"	"
	1967	22	"	"	"	"	"
MOROCCO	1970	1586	1292	171	232	267	3
MOZAMBIQUE	1966	25	"	"	4	"	"
	1967	46	2	"	23	2	"
NIGERIA <sup>3</sup>	1961	131	286	21	22	12	4
	1965	170	1352	85	20	86	14
	1966	159	981	63	23	73	12
	1967	237	935	102	43	120	13
RWANDA	1965	"	8	"	"	"	"
	1966	"	14	"	"	"	"
	1967	"	31	"	"	"	"
	1968	"	23	"	"	"	"
	1969	"	30	"	"	"	"
SENEGAL	1965	101	131	50	10	35	5
	1967	383	305	47	"	"	"
	1969	521	181	12	"	"	"
	1970	425	218	3	"	"	"
SIERRA LEONE	1960	2	45	12	"	2	4
	1965	34	110	11	"	13	2
	1966	29	96	14	"	"	"
	1967	8	148	17	"	"	"
SUDAN	1961	167	363	"	"	"	"
	1965	267	750	25	"	"	"
	1966	343	852	17	"	"	"
	1967	558	1107	13	65	40	"
	1968	477	1101	42	86	50	"
	1971	1190	1599	85	35	202	16
TANZANIA, UNITED REP. OF	1965	"	34	"	"	1	"
	1969	"	420	"	"	63	"

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
TOGO	1968	43	"	"	12	"	"
	1969	55	7	"	8	5	"
	1970	163	10	"	13	5	"
TUNISIA	1961	44	107	"	"	"	"
	1963	189	234	"	15	48	"
	1966	211	355	"	22	40	"
	1967	228	470	"	35	91	"
	1968	224	551	"	44	83	"
UGANDA <sup>5</sup>	1960	39	114	8	5	4	2
	1965	39	209	92	2	22	24
	1969	25	526	118	4	99	24
	1971	28	687	11	...	...	...
ZAMBIA	1971	558	1118	1			
ZAMBIA	1966	"	"	36	"	"	...
	1967	36	"	40	...	"	...
	1968	19	27	53	10	6	17
	1969	19	99	43	7	19	15
	1970	102	104	59	29	15	13

#### NOTES

1. Not including higher teacher training.

2. University of Nairobi only.

3. Not including higher teacher training.  
Data for 1966 and 1967 refer to four universities  
and not five.

4. Not including diplomas awarded by Colleges of  
education: 312 in 1968.

5. University of Makerere only.

1. Non compris l'enseignement normal supérieur.

2. Université de Nairobi seulement.

3. Non compris l'enseignement normal supérieur.  
Les données pour 1966 et 1967 se réfèrent à quatre  
universités au lieu de cinq.

4. Non compris les diplômes décernés par les Instituts  
d'éducation: 312 en 1968.

5. Université de Makerere seulement.



**Table/Tableau 1.5 Distribution of graduates by level of degree or diploma and by field of study**  
**Répartition des diplômes selon le niveau du diplôme obtenu et par branches d'études**

A - Diplomas not equivalent to a first university degree/Diplômes n'équivalent pas à un premier grade universitaire  
 B - First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C - Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
ALGERIA	1969	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	148	195	-	19	89	172	74	75	105	21	-
			C	27	15	-	-	-	-	12	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	174	78	-	-	13	33	18	-	32	-	-
			C	7	3	-	-	-	-	4	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	1431	302	-	23	218	218	161	111	197	21	-
			C	-	-	-	-	-	-	-	-	-	-	-
BURUNDI	1970	MF	A	171	32	-	-	22	61	-	8	38	10	-
			B	24	-	24	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	10	2	-	-	1	3	-	-	4	-	-
			B	1	-	1	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
CAMBODIA	1964	MF	A	41	-	5	-	36	-	-	-	-	-	-
			B	30	-	14	-	11	-	-	-	-	5	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	531	95	64	-	75	17	80	-	-	-	-
			B	187	70	35	-	47	-	20	-	-	15	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	40	17	13	-	3	1	6	-	-	-	-
			B	13	8	3	-	1	-	1	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
CONGO	1969	MF	A	456	75	93	-	53	13	22	-	-	-	-
			B	9	-	-	-	9	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
DAHOMY	1970	MF	A	31	-	-	-	-	-	31	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	2	-	-	-	-	-	2	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Sex	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
EGYPT	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	12345	3842	1070	180	1122	2528	473	1099	1059	972	-
			C	209	-	209	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1723	493	430	439	99	338	62	25	147	94	-
			C	58	-	58	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	18711	2976	1654	591	1623	4590	1266	2323	1205	2483	-
			C	2528	186	256	-	198	294	167	73	963	371	20
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	4290	824	703	167	94	1408	297	127	408	262	-
			C	285	47	56	-	6	9	32	1	98	36	-
	1966	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	29200	3877	2873	982	2303	6338	1533	4586	2742	3926	-
			C	3516	295	628	-	219	500	500	156	718	430	70
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	7743	1259	1135	262	337	2374	490	338	860	668	-
			C	629	52	74	-	7	35	79	8	133	41	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	30905	3774	3263	962	1965	6485	1205	5071	4263	3917	-
			C	111	111	111	111	111	111	111	111	111	111	111
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	8631	1262	1218	261	292	2629	406	449	1401	733	-
			C	111	111	111	111	111	111	111	111	111	111	111
ETHIOPIA	1960	MF	A	30	-	-	-	-	-	-	12	18	-	-
			B	114	9	17	-	-	16	5	23	-	44	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	242	1	136	-	-	11	-	41	55	-	-
			B	214	47	15	-	8	18	14	28	26	58	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	28	-	1	-	-	3	-	-	24	-	-
			B	6	5	-	-	-	1	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	500	-	406	-	-	-	15	25	34	-	-
			B	542	111	119	-	55	166	23	51	78	50	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	62	-	32	-	-	-	1	-	29	-	-
			B	27	111	6	-	1	19	1	-	4	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
GHANA <sup>3</sup>	1961	MF	A	73	-	-	27	-	13	-	-	9	28	-
			B	165	59	-	-	-	42	38	26	-	-	-
			C	21	-	21	-	-	-	-	-	-	-	-
	1965	MF	A	228	2	77	46	-	31	-	30	19	23	-
			B	526	136	38	27	52	159	43	34	25	12	-
			C	57	1	30	14	-	7	5	-	2	-	-
	1970	MF	A	249	26	-	41	-	60	-	54	30	38	-
			B	990	270	133	78	40	154	135	57	48	77	-
			C	105	4	53	22	-	23	3	-	-	-	-
IVORY COAST	1971	MF	A	89	10	8	-	37	-	-	-	-	-	34
			B	341	153	55	-	43	29	32	-	31	-	-
			C	91	13	32	-	2	-	37	-	7	-	-

Country	Year	Sex/Sexe	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe/Niveau		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
KENYA <sup>4</sup>	1965 MF	A	17	-	-	8	-	9	-	-	-	-	-
		B	106	22	-	-	-	22	18	36	-	8	-
		C	20	-	15	-	-	-	5	-	-	-	-
	F	A	12	-	-	5	-	9	-	-	-	-	-
		B	8	6	-	-	-	1	1	-	-	-	-
		C	47	-	47	-	-	-	-	-	-	-	-
1970 MF	A	17	-	-	8	-	-	-	-	-	-	-	-
	B	378	176	-	36	-	133	65	123	-	-	45	-
	C	25	-	25	-	-	-	-	-	-	-	-	-
LESOTHO	1970 MF	A	31	-	3	-	12	-	-	-	-	16	-
		B	65	25	4	-	9	18	9	-	-	-	-
		C	4	-	4	-	-	-	-	-	-	-	-
	F	A	2	-	2	-	-	-	-	-	-	-	-
		B	23	12	3	-	-	5	3	-	-	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
LIBERIA <sup>5</sup>	1965 MF	A	-	-	-	-	-	-	-	-	-	-	-
		B	89	23	29	-	2	-	21	-	-	14	-
		C	-	-	-	-	-	-	-	-	-	-	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
		B	10	6	5	-	-	-	1	-	-	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
1970 MF	A	-	-	-	-	-	-	-	-	-	-	-	-
	B	156	71	45	-	9	-	-	17	-	6	10	-
	C	-	-	-	-	-	-	-	-	-	-	-	-
LIBYAN ARAB RER	1960 MF	A	-	-	-	-	-	-	-	-	-	-	-
		B	67	27	-	-	-	29	11	-	-	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
	1965 MF	A	-	-	-	-	-	-	-	-	-	-	-
		B	194	72	-	-	23	50	69	-	-	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
F	A	-	-	-	-	-	-	-	-	-	-	-	-
	B	14	6	-	-	-	-	1	7	-	-	-	-
	C	-	-	-	-	-	-	-	-	-	-	-	-
1970 MF	A	-	-	-	-	-	-	-	-	-	-	-	-
	B	596	262	69	-	36	85	54	56	-	-	34	-
	C	-	-	-	-	-	-	-	-	-	-	-	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
		B	58	23	15	-	1	5	10	2	-	2	-
		C	-	-	-	-	-	-	-	-	-	-	-
MADAGASCAR	1970 MF	A	389	130	80	-	48	43	88	-	-	-	-
		B	245	95	-	-	30	25	61	9	-	25	-
		C	-	-	-	-	-	-	-	-	-	-	-
	F	A	125	76	20	-	1	5	23	-	-	-	-
		B	113	61	-	-	12	5	31	-	-	4	-
		C	-	-	-	-	-	-	-	-	-	-	-



Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
MALAWI	1965	MF	A	29	"	29	"	"	"	"	"	"	"	"
			B	"	"	"	"	"	"	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1970	MF	A	216	"	61	"	"	38	"	42	23	50	"
			B	63	9	"	"	4	26	20	"	"	4	"
			C	1	"	"	"	"	"	"	"	"	"	1
MALI	1965	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	14	"	14	"	"	"	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1969	MF	A	"	"	34	"	8	39	"	25	"	22	"
			B	148	"	"	"	"	"	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
MOROCCO	1970	MF	A	1586	706	754	"	"	32	38	20	"	36	"
			B	1292	326	323	"	389	98	21	47	40	48	"
			C	171	"	"	"	163	8	"	"	"	"	"
	F	A	A	232	65	154	"	"	4	9	"	"	"	"
			B	267	138	73	"	37	5	10	"	4	"	"
			C	5	"	"	"	3	"	"	"	"	"	"
NIGERIA <sup>7</sup>	1961	MF	A	131	"	115	16	"	"	"	"	35	20	"
			B	286	63	18	2	"	46	77	25	"	1	"
			C	21	2	17	"	"	1	"	"	"	"	"
	F	A	A	22	"	22	"	"	"	"	"	"	"	"
			B	12	5	"	"	"	2	3	"	2	"	"
			C	4	"	4	"	"	"	"	"	"	"	"
	1965	MF	A	170	11	81	17	"	23	"	"	2	36	"
			B	1552	310	104	53	73	400	186	81	71	74	"
			C	85	22	41	"	"	2	14	"	"	6	"
	F	A	A	20	"	14	1	"	5	"	"	"	"	"
			B	86	39	8	"	5	9	18	1	4	2	"
			C	14	3	9	"	"	1	1	"	"	"	"
	1967	MF	A	237	15	157	7	"	56	"	"	"	2	"
			B	935	269	37	10	61	200	134	60	93	65	"
			C	102	39	29	1	2	3	22	"	3	3	"
	F	A	A	43	2	32	"	"	9	"	"	"	"	"
			B	120	60	3	1	6	4	23	"	22	1	"
			C	13	6	5	"	1	"	1	"	"	"	"
RWANDA	1969	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	30	9	"	"	"	14	7	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"

Country	Year	Sex/Scal	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
SENEGAL	1965 MF	A		101	"	"	"	101	100	"	"	"	"	"
		B		131	51	"	"	31	100	34	"	15	"	"
		C		50	16	"	"	20	100	14	"	"	"	"
	F	A		10	"	"	"	10	100	"	"	"	"	"
		B		35	17	"	"	1	100	15	"	4	"	"
		C		9	1	"	"	2	100	2	"	"	"	"
	1970 MF	A		425	163	38	"	47	89	40	48	"	"	"
		B		218	117	"	"	13	18	30	"	40	"	"
		C		3	3	"	"	"	"	"	"	"	"	"
	SIERRA LEONE	1960 MF	A		2	"	"	"	"	1	"	1	"	"
B				45	17	"	"	"	18	10	"	"	"	"
C				12	"	12	"	"	"	"	"	"	"	"
1965 MF		A		34	"	"	"	"	5	"	"	"	29	"
		B		116	51	"	"	"	38	22	3	"	"	"
		C		11	"	11	"	"	"	"	"	"	"	"
F		A		"	"	"	"	"	"	"	"	"	"	"
		B		13	11	"	"	"	"	2	"	"	"	"
		C		2	"	2	"	"	"	"	"	"	"	"
1967 MF		A		8	"	"	"	"	6	"	"	"	2	"
	B		148	47	12	"	"	26	8	11	"	44	"	
	C		17	"	17	"	"	"	"	"	"	"	"	
SUDAN	1961 MF	A		167	"	93	24	"	28	"	"	"	"	"
		B		363	103	"	"	61	93	25	38	28	15	"
		C		"	"	"	"	"	"	"	"	"	"	"
	1965 MF	A		207	"	150	28	"	23	"	"	38	28	"
		B		750	178	77	"	80	109	85	163	41	17	"
		C		25	4	"	"	"	"	9	"	8	4	"
	1971 MF A <sup>0</sup>	A		190	"	101	28	"	100	"	"	30	123	"
		B		1599	566	80	9	156	409	51	135	76	111	"
		C		85	2	58	"	"	20	1	"	"	4	"
	F A <sup>0</sup>	A		35	"	12	4	"	11	"	"	17	14	"
B			202	104	12	"	16	52	7	"	9	2	"	
C			14	1	2	"	"	10	"	"	"	1	"	
TANZANIA; UNITED REP. OF	1965 MF	A		"	"	"	"	"	"	"	"	"	"	"
		B		34	"	"	"	34	"	"	"	"	"	"
		C		"	"	"	"	"	"	"	"	"	"	"
	1969 MF	A		"	"	"	"	"	"	"	"	"	"	"
		B		426	"	218	"	56	128	9	"	15	"	"
		C		"	"	"	"	"	"	"	"	"	"	"
F	A		"	"	"	"	"	"	"	"	"	"	"	
	B		63	"	35	"	2	23	2	"	1	"	"	
	C		"	"	"	"	"	"	"	"	"	"	"	
TOGO	1970 MF	A		163	63	14	"	34	37	15	"	"	"	"
		B		16	16	"	"	"	"	"	"	"	"	"
		C		"	"	"	"	"	"	"	"	"	"	"
	F	A		13	4	"	"	8	1	"	"	"	"	"
		B		3	3	"	"	"	"	"	"	"	"	"
		C		"	"	"	"	"	"	"	"	"	"	"

Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
TUNISIA	1961	MF	A	46	"	34	"	9	1	"	"	"	"	"
			B	107	37	"	"	32	3	24	"	"	11	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1965	MF	A	189	18	159	"	9	3	"	"	"	"	"
			B	239	80	"	"	38	57	29	"	"	35	"
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	15	1	14	"	"	"	"	"	"	"	"
			B	48	31	"	"	4	4	9	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1968	MF	A	224	"	224	"	2	"	"	"	"	"	"
			B	551	186	"	"	123	70	124	"	"	48	"
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	46	"	44	"	"	"	"	"	"	"	"
			B	83	38	"	"	11	10	24	"	"	2	"
			C	"	"	"	"	"	"	"	"	"	"	"
UGANDA <sup>10</sup>	1960	MF	A	39	"	31	"	"	"	"	"	"	8	"
			B	112	65	"	2	"	"	12	"	24	9	"
			C	8	"	8	"	"	"	"	"	"	"	"
		F	A	5	"	5	"	"	"	"	"	"	"	"
			B	4	3	"	"	"	"	"	"	1	"	"
			C	2	"	2	"	"	"	"	"	"	"	"
	1965	MF	A	39	26	11	2	"	"	"	"	"	"	"
			B	209	99	24	7	"	"	32	"	30	19	"
			C	92	"	89	"	"	"	2	"	1	"	"
		F	A	2	"	2	"	"	"	"	"	"	"	"
			B	22	13	4	1	"	"	2	"	2	"	"
			C	24	"	23	"	"	"	1	"	"	"	"
	1971	MF	A	4	4	"	"	"	"	"	"	"	"	"
			B	711	276	81	24	29	"	153	"	76	72	"
			C	11	"	"	"	"	"	"	"	11	"	"
ZAIRE	1971	MF	A	558	"	424	14	"	87	13	20	"	"	"
			B	1118	167	89	18	152	471	65	51	71	34	"
			C	1	"	"	"	"	"	"	"	1	"	"
ZAMBIA	1970	MF	A	102	"	72	"	"	30	"	"	"	"	"
			B	102	48	8	"	11	2	13	4	16	"	"
			C	39	1	38	"	"	"	"	"	"	"	"
		F	A	29	"	14	"	"	15	"	"	"	"	"
			B	13	9	1	"	"	"	2	"	1	"	"
			C	13	"	13	"	"	"	"	"	"	"	"



# NOTES

- |  |   |
|--|---|
| 1. Natural sciences are included with medical sciences.  | 1. Les sciences exactes et naturelles sont classées avec les sciences médicales.  |
| 2. Social sciences and humanities are counted together.  | 2. Les sciences sociales et les lettres sont classées ensemble.   |
| 3. Not including higher teacher training.  | 3. Non compris l'enseignement normal supérieur.   |
| 4. University of Nairobi only.   | 4. Université de Nairobi seulement.   |
| 5. Fine-arts and social sciences are included with humanities.                                   | 5. Les beaux-arts et les sciences sociales sont classées avec les lettres.  |
| 6. Education is included with humanities.  | 6. L'éducation est classée avec les lettres.  |
| 7. Not including higher teacher training. Data for 1967 refer to four universities and not five. | 7. Non compris l'enseignement normal supérieur. Les données pour 1967 se réfèrent à quatre universités au lieu de cinq. |
| 8. Economics are included with law.  | 8. Le droit comprend les sciences économiques.  |
| 9. Not including diplomas awarded by Colleges of education: 312 in 1968.                         | 9. Non compris les données concernant les diplômes décernés par les Instituts d'éducation: 312 en 1968.                 |
| 10. University of Makerere only. Social sciences are included with humanities.                   | 10. Université de Makerere seulement. Les sciences sociales sont classées avec les lettres.                             |

## 2. NORTH AMERICA/AMERIQUE DU NORD

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## NOTE

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following list:

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après:

Antigua	Antigua	République	Dominican	Honduras	Honduras	Porto Rico	Puerto Rico
Bahamas	Bahamas	dominicaine	Republic	Jamaïque	Jamaica	Sainte-Lucie	St. Lucia
Barbade	Barbados	El Salvador	El Salvador	Martinique	Martinique	Trinité et	Trinidad and
Belize	Belize	Etats-Unis	United States	Mexique	Mexico	Tobago	Tobago
Canada	Canada	d'Amérique	of America	Nicaragua	Nicaragua	Viernes, Iles	Virgin Islands
Costa Rica	Costa Rica	Guatemala	Guatemala	Panama	Panama	Zone du canal	Canal Zone
Cuba	Cuba	Haïti	Haiti				

Table/Tableau 2.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions		
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires		
		MF	F	MF	F	MF	F	MF	F	
AMERICA, NORTH										
ANTIGUA	TEACHERS	1965	10	5	"	"	10	5	"	"
		1967	10	4	"	"	10	4	"	"
		1968	12	4	"	"	12	4	"	"
	STUDENTS	1960	41	22	"	"	41	22	"	"
		1965	45	30	"	"	45	30	"	"
		1967	43	30	"	"	43	30	"	"
		1968	42	28	"	"	42	28	"	"
	BARBADOS	TEACHERS	1960	23	12	"	"	23	12	"
1966			78	16	54	10	24	6	"	"
1969			67	15	50	6	17	9	"	"
STUDENTS		1960	121	69	"	"	121	69	"	"
		1965	384	173	226	64	158	109	"	"
		1966	350	139	222	66	128	73	"	"
		1967	443	171	293	81	150	90	"	"
		1968	565	254	385	149	180	110	"	"
	1969	645	299	429	170	216	129	"	"	
	1970	689	314	459	179	230	135	"	"	
BELIZE	TEACHERS	1968	17	11	"	"	17	11	"	"
		1969	14	10	"	"	14	10	"	"
		1970	15	8	"	"	15	8	"	"
	STUDENTS	1960	38	22	"	"	38	22	"	"
		1965	67	36	"	"	67	36	"	"
		1968	94	55	"	"	94	55	"	"
		1969	89	67	"	"	89	67	"	"
		1970	113	79	"	"	113	79	"	"
CANADA	TEACHERS <sup>1</sup>	1960	...	...	9755	1360	1697	1069	...	...
		1965	19579	...	16000	...	1411	...	2168	...
		1966	21737	...	18000	...	1295	385	2442	...
		1967	...	...	16703	2234	1502	552	...	...
		1968	...	...	18864	2493	1305	507	...	...
		1969	...	...	21840	2863	796	301	...	...
		1970	...	...	24612	3140	556	210	...	...
		1971	42135	4510	28025	3650	5530	1160	13580	2700
	STUDENTS <sup>2</sup>	1960	196182	74269	145200	39412	18607	13797	32375	21060
		1965	364100	139637	279830	93861	20618	13994	63652	31802
		1966	412354	160142	318393	118328	22865	14848	71096	34966
		1967	472148	183466	360190	125919	23389	15490	88569	42057
CANAL ZONE	STUDENTS	1960	292	142	"	"	"	"	292	142
		1965	1314	675	"	"	"	"	1314	675
		1966	1390	724	"	"	"	"	1390	724
		1967	1284	623	"	"	"	"	1284	623
		1968	1190	591	"	"	"	"	1190	591
		1969	1186	579	"	"	"	"	1186	579
		1970	1244	629	1244	629	"	"	"	"
		TEACHERS	1960	438	97	339	50	56	25	43
	1965		617	129	501	66	67	42	49	21
	1966		621	...	533	...	72	48	48	29
	1967		704	183	584	106	72	48	48	29
	COSTA RICA	TEACHERS	1968	811	209	678	125	85	55	48



Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
COSTA RICA	STUDENTS	1960	4703	2078	3828	1372	755	120	120
		1965	7229	3021	5824	1877	1224	181	181
		1966	7585	3187	5975	1906	1317	210	204
		1967	8745	3689	7112	2388	1431	202	201
		1968	11384	4764	9266	3220	1931	187	187
		1969	13702	5900	11212	4026	2290	*200	*200
		1970	15473	6735	12913	4842	2360	*200	*200
CUBA	TEACHERS	1961	1482	388	1482	388	-	-	-
		1965	3036	...	3036	...	-	-	-
		1966	3957	...	3957	...	-	-	-
		1967	4162	1263	4162	1263	-	-	-
		1968	4335	...	4335	...	-	-	-
		1969	4036	...	4036	...	-	-	-
		1970	4129	...	4129	...	-	-	-
	STUDENTS	1961	16766	6473	16766	6473	-	-	-
		1965	20573	...	20573	...	-	-	-
		1966	21979	8610	21979	8610	-	-	-
		1967	24342	9400	24342	9400	-	-	-
		1968	27293	10205	27293	10205	-	-	-
		1969	29207	...	29207	...	-	-	-
		1970	20342	10366	26342	10366	-	-	-
DOMINICAN REP.	TEACHERS	1960	145	...	145	...	-	-	-
		1965	422	...	414	...	-	*8	-
		1967	952	221	918	219	-	*34	*2
		1969	1354	...	1319	...	-	*35	...
	STUDENTS	1960	3448	950	3448	950	-	-	-
		1965	6716	2123	6606	2078	-	110	45
		1966	7170	2295	6774	2133	-	396	162
		1967	10429	3890	9963	3642	-	666	248
		1968	15757	6910	15298	6673	-	659	237
		1969	18817	8001	18328	7718	-	489	283
		1970	23546	10143	23098	9883	-	448	260
EL SALVADOR	TEACHERS	1960	485	39	450	30	18	17	5
		1965	609	105	539	86	50	20	8
		1967	674	115	618	97	*25	31	11
		1970	751	126	680	107	19	52	14
	STUDENTS	1960	2360	471	2241	403	73	46	40
		1965	4050	*838	3831	*720	158	61	*50
		1966	5431	...	5046	...	322	63	...
		1967	6331	1404	6064	1303	199	68	51
		1968	7332	...	7100	...	166	66	53
		1969	7896	...	7644	...	167	85	71
		1970	9515	...	9083	...	172	260	82
GUADELOUPE	STUDENTS	1966	174	101	-	-	-	-	-
		1969	376	210	-	-	-	-	-
GUATEMALA	TEACHERS	1960	471	...	471	...	-	-	-
		1965	576	...	576	...	-	-	-
		1966	565	...	565	...	-	-	-
		1967	665	62	665	62	-	-	-
		1968	707	...	707	...	-	-	-
		1969	771	57	771	57	-	-	-
		1970	1314	...	1314	...	-	-	-
	STUDENTS	1960	5229	*500	5229	*500	-	-	-
		1965	8459	1164	8459	1164	-	-	-
		1966	9357	1373	9357	1373	-	-	-
		1967	11205	1780	11205	1780	-	-	-
		1968	11875	1961	11875	1961	-	-	-
		1969	14322	2524	14322	2524	-	-	-
		1970	15609	2906	15609	2906	-	-	-

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
HAITI	TEACHERS	1960	219	5	219	5	-	-	-
		1965	215	12	215	12	-	-	-
		1966	215	12	215	12	-	-	-
		1967	221	16	221	16	-	-	-
	STUDENTS	1960	1361	158	1361	158	-	-	-
		1965	1607	195	1607	195	-	-	-
		1966	1554	186	1554	186	-	-	-
		1967	1494	172	1494	172	-	-	-
	STUDENTS	1960	1680	277	1355	172	121	67	204
		1965	2578	311	2148	137	65	293	108
		1966	3006	374	2549	180	76	277	82
		1967	2974	311	2467	214	89	293	83
		1968	3459	311	2883	280	118	296	82
		1969	4296	311	3576	420	234	300	85
		1970	4847	311	4047	500	311	300	311
JAMAICA	STUDENTS	1960	311	311	910	320	683	340	311
		1965	311	311	1902	797	311	311	311
		1966	311	311	2073	915	311	311	311
		1967	311	311	2234	990	311	311	311
		1968	3766	311	2564	1021	1876	1528	1150
		1969	311	311	2688	1159	311	311	1490
		1970	311	311	2886	1271	311	311	1704
		1970	311	311	2886	1271	311	311	1704
MARTINIQUE	STUDENTS	1960	461	142	461	142	-	-	-
		1965	623	210	623	210	-	-	-
		1966	1325	462	1325	462	-	-	-
		1969	1673	595	1673	595	-	-	-
MEXICO	TEACHERS	1965	17170	311					
		1968	21087	311					
	STUDENTS	1960	78599	13763					
		1965	135374	23350					
		1966	140089	23817					
		1967	154289	26758					
		1968	178436	32630					
		1969	188011	34774					
		1970	247637	49844					
		1970	247637	49844					
	TEACHERS	1965	430	311	353	311	-	-	77
		1966	483	65	398	30	-	-	85
		1967	592	311	502	311	-	-	90
		1968	588	311	502	311	-	-	86
		1969	517	311	407	311	-	-	110
		1970	604	311	492	311	-	-	112
		1970	604	311	492	311	-	-	112
NICARAGUA	STUDENTS	1960	1435	270	1265	216	-	-	170
		1965	5307	867	3042	760	-	-	265
		1966	4056	1226	3713	1099	-	-	343
		1967	5144	1314	4822	1173	-	-	322
		1968	6339	1948	5721	1697	-	-	618
		1969	8052	2481	7255	2062	-	-	797
		1970	9385	2987	8648	2673	-	-	737
		1970	9385	2987	8648	2673	-	-	737
	TEACHERS	1960	174	35	144	23	-	-	30
		1965	361	91	302	63	-	-	59
		1966	396	80	344	63	-	-	52
		1967	417	101	376	80	-	-	41
		1968	436	311	411	311	-	-	25
		1969	413	311	413	311	-	-	31
		1970	448	95	448	95	-	-	31
PANAMA	TEACHERS	1960	174	35	144	23	-	-	30
		1965	361	91	302	63	-	-	59
		1966	396	80	344	63	-	-	52
		1967	417	101	376	80	-	-	41
		1968	436	311	411	311	-	-	25
		1969	413	311	413	311	-	-	31
		1970	448	95	448	95	-	-	31

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
PANAMA	STUDENTS	1960	4030	1729	3915	1614	-	115	115
		1965	7247	3369	7091	3213	-	156	156
		1966	8113	3813	7964	3664	-	149	149
		1967	9265	4636	9156	4327	-	109	109
		1968	10083	5111	10023	5111	-	60	60
		1969	1252	3294	7292	3294	-	-	-
		1970	8159	3757	8159	3757	-	-	-
PUERTO RICO	TEACHERS	1968	*3500	...	-	-	-	-	-
		1969	*3500	...	-	-	-	-	-
		1970	*4000	...	-	-	-	-	-
	STUDENTS	1960	26038	12938	26038	12938	-	-	-
		1965	40294	20366	40294	20366	-	-	-
		1966	44516	22326	42243	20955	-	2273	1371
		1967	47725	24153	45025	22576	-	2700	1577
		1968	54138	28266	51198	26477	-	2940	1789
		1969	56681	29681	53311	27637	-	3370	2044
		1970	63073	33363	59067	30884	-	4006	2459
ST. LUCIA	STUDENTS	1965	42	*32	-	-	42	*32	-
		1966	65	*48	-	-	65	*48	-
		1967	56	*40	-	-	56	*40	-
		1968	71	51	-	-	71	51	-
		1969	90	58	-	-	90	58	-
TRINIDAD AND TOBAGO	TEACHERS	1966	...	...	151	...	...	...	...
		1968	280	47	200	12	*80	*35	-
		1969	348	63	285	27	83	36	-
		1970	412	100	329	64	*83	*36	-
	STUDENTS	1960	513	226	77	1	436	225	-
		1965	1594	590	910	211	684	379	-
		1966	1648	513	964	155	684	358	-
		1967	1807	*570	1105	*210	702	*360	-
		1968	1967	*650	1267	289	700	*361	-
		1969	2218	753	1511	385	707	368	-
		1970	2381	834	1671	464	*710	*370	-
UNITED STATES OF AMERICA	TEACHERS	1960	*350000	...	350000	...	-	-	-
		1965	*510000	...	510000	...	-	-	-
		1966	*537000	...	...	...	-	-	-
		1967	*572000	...	496000	...	-	*76000	...
		1968	*605000	...	*521000	...	-	*82000	...
		1969	*646000	...	*545000	...	-	*101900	...
		1970	*719000	...	*605000	...	-	*114000	...
	STUDENTS	1960	3584726	1325849	3582726	1325849	-	-	-
		1965	5526325	2151722	5526325	2151722	-	-	-
		1966	6389872	2533656	5063902	2016706	-	1325970	516950
		1967	6411748	2778948	5398986	2181022	-	1512762	597926
		1968	7513091	3035442	5720269	2333282	-	1792822	702160
		1969	7916991	3221621	5974686	2451942	-	1942325	769679
VIRGIN ISLANDS	STUDENTS	1970	8498117	3507163	6288196	2609357	-	2209921	897806

# NOTES

- Full-time teaching staff only.
- Not including part-time students enrolled in non-university institutions.
- University of San Carlos teaching staff only.
- Personnel enseignant à plein temps seulement.
- Non compris les étudiants à temps partiel inscrits dans les établissements non universitaires.
- Personnel enseignant de l'Université de San Carlos seulement.



**Table/Tableau 2.2 Distribution of students by field of study**  
**Répartition des étudiants par branches d'études**

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ANTIGUA	1960	MF	41	"	41	"	"	"	"	"	"	"	"
		F	22	"	22	"	"	"	"	"	"	"	"
	1965	MF	45	"	45	"	"	"	"	"	"	"	"
		F	30	"	30	"	"	"	"	"	"	"	"
	1967	MF	43	"	43	"	"	"	"	"	"	"	"
		F	30	"	30	"	"	"	"	"	"	"	"
	1968	MF	42	"	42	"	"	"	"	"	"	"	"
		F	28	"	28	"	"	"	"	"	"	"	"
BARBADOS	1960	MF	121	"	121	"	"	"	"	"	"	"	"
		F	69	"	69	"	"	"	"	"	"	"	"
	1965	MF	384	169	158	"	"	"	37	"	"	"	"
		F	173	57	109	"	"	"	7	"	"	"	"
	1966	MF	550	158	128	"	"	"	64	"	"	"	"
		F	139	56	73	"	"	"	10	"	"	"	"
	1967	MF	443	212	150	"	"	"	81	"	"	"	"
		F	565	268	180	"	"	"	117	"	"	"	"
	1968	MF	645	295	216	"	"	"	134	"	"	"	"
		F	294	141	129	"	"	"	29	"	"	"	"
	1970	MF	689	285	230	"	35	"	139	"	"	"	"
		F	314	139	135	"	7	"	33	"	"	"	"
BELIZE	1960	MF	38	"	38	"	"	"	"	"	"	"	"
		F	22	"	22	"	"	"	"	"	"	"	"
	1965	MF	67	"	67	"	"	"	"	"	"	"	"
		F	36	"	36	"	"	"	"	"	"	"	"
	1966	MF	94	"	94	"	"	"	"	"	"	"	"
		F	55	"	55	"	"	"	"	"	"	"	"
	1967	MF	89	"	89	"	"	"	"	"	"	"	"
		F	67	"	67	"	"	"	"	"	"	"	"
	1970	MF	113	"	113	"	"	"	"	"	"	"	"
		F	79	"	79	"	"	"	"	"	"	"	"
CANADA <sup>1</sup>	1960	MF	114000	46147	11587	1241	2480	9024	9237	15190	9046	3038	7010
		F	205888	93412	24632	2573	4116	15321	28842	18230	13952	4561	243
	1965	MF	64980	34642	13413	973	255	3706	5216	164	6260	288	63
		F	232672	106118	28020	3156	4568	17126	33295	20948	14253	4809	379
	1966	MF	75526	40639	10009	1246	291	4082	5850	603	6454	274	78
		F	261207	120945	29648	3658	5205	19608	37412	23425	15696	5284	326
	1967	MF	85846	47784	16551	1469	384	4731	7047	278	7152	366	84
		F	270093	116412	31005	4485	5861	22106	41953	25196	17118	5683	274
	1968	MF	90095	48221	17233	1788	528	5309	8090	309	8121	397	99
		F	293244	120823	37947	6079	6595	24293	47549	25656	17739	5780	783
	1969	MF	101378	51523	21001	2717	726	5977	10110	352	8375	464	127
		F	302349	122820	41694	7371	7400	26259	45245	26183	18599	5656	1124
	1970	MF	106740	52468	22825	3367	946	7047	10044	373	8914	572	264
		F											
COSTA RICA <sup>2</sup>	1960	MF	4703	1903	1172	255	270	572	"	174	290	67	"
		F	2078	616	938	160	26	172	"	3	161	2	"
	1965	MF	7229	3095	1886	352	328	727	"	3	472	137	"
		F	3021	936	1434	200	34	167	"	232	472	137	"
	1966	MF	7585	3192	1989	367	317	739	"	2	244	4	"
		F	3187	968	1550	220	34	145	"	261	560	180	"
	1967	MF	8825	3971	2195	491	330	818	"	"	266	4	"
		F	3708	1343	1600	283	33	157	"	284	560	176	"
	1968	MF	11449	5402	2850	455	351	1044	"	3	283	6	"
		F	4788	1911	1949	272	41	205	"	299	631	231	186
	1969	MF	13702	6396	3437	460	404	1113	"	"	294	5	111
		F	5900	2418	2448	265	55	217	"	542	726	314	310
	1970	MF	15473	6925	3952	414	490	1223	"	7	336	10	144
		F	6735	2831	2726	230	78	275	"	827	812	446	384
									"	22	388	16	169

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe	Total	Lettres	Éducation	Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales	Agriculture	Non spécifié
CUBA	1901	MF	16766	623	2536	478	535	4309	949	3062	3393	881	-
		F	6473	450	2193	156	183	1376	566	418	965	166	-
	1905	MF	20573	1333	2985	498	343	2972	1240	4226	5676	1300	-
	1906	MF	21979	1318	2837	474	310	2545	1626	5320	5492	1857	-
		F	8610	819	1998	194	106	902	786	1092	2387	326	-
	1907	MF	24542	1221	2767	563	243	1922	2323	6345	6050	2908	-
		F	9400	812	1806	252	75	664	1155	1192	2694	750	-
	1908	MF	27293	1341	2154	844	178	1616	2694	6919	7528	3820	-
		F	10205	890	1335	392	51	636	1373	1302	3422	804	-
	1909	MF	29207	1545	1646	963	133	1666	2833	7122	7971	5324	-
DOMINICAN REP. <sup>3</sup>	1901	MF	4086	236	411	511	783	911	-	843	1268	45	-
		F	999	132	411	511	183	259	-	50	366	9	-
	1907	MF	10429	1357	411	288	613	1879	351	945	1761	419	2816
	1908	MF	15757	1138	1310	367	669	2029	432	1019	2421	620	5752
	1909	MF	18817	1273	2133	483	492	1938	365	1582	3176	753	6622
		F	8001	639	1037	168	133	725	185	99	1470	47	2698
	1904	MF	2520	287	145	111	552	350	134	494	358	-	-
		F	458	117	62	111	43	61	66	12	77	-	-
	1905	MF	4050	376	158	111	884	591	278	652	437	72	602
	1906	MF	5451	476	322	111	824	883	271	901	378	113	1263
EL SALVADOR <sup>3,5</sup>	1907	MF	6531	259	199	111	802	965	156	819	457	116	2558
	1908	MF	7532	303	166	111	786	975	103	770	524	122	3583
	1909	MF	7896	512	167	111	662	1109	84	768	619	173	3802
	1910	MF	9515	572	172	111	525	1198	63	1233	751	175	4826
	1906	MF	174	174	0	0	0	0	0	0	0	0	0
		F	101	101	0	0	0	0	0	0	0	0	0
	1909	MF	376	376	0	0	0	0	0	0	0	0	0
		F	216	216	0	0	0	0	0	0	0	0	0
	1900	MF	3229	355	197	209	1421	884	262	896	982	220	2506
	1905	MF	8459	667	197	197	1742	1558	153	749	695	192	3349
GUATEMALA <sup>4</sup>		F	1164	383	19	19	118	190	53	10	37	5	3379
	1906	MF	9357	696	194	194	1765	1575	176	706	688	178	482
		F	1373	405	16	16	139	222	58	10	36	5	4961
	1907	MF	11205	957	189	189	1656	1639	114	767	744	178	723
		F	1780	535	15	15	127	254	66	14	43	3	3165
	1908	MF	11875	1184	188	188	1589	1700	127	962	773	187	772
		F	1961	590	13	13	135	298	75	22	51	5	427
	1909	MF	14522	2123	304	304	2491	3412	313	2099	2247	706	53
		F	2524	1007	54	54	506	563	205	59	263	16	607
	1910	MF	15009	2253	550	550	2635	3801	316	2329	2353	765	38
HAITI		F	2906	1170	75	75	385	659	209	61	285	24	38
	1900	MF	1561	32	216	0	494	139	-	114	334	34	-
		F	158	0	46	0	15	27	-	2	67	1	-
	1905	MF	1607	112	187	0	695	0	-	97	471	45	-
		F	195	9	44	0	36	0	-	2	101	3	-
	1906	MF	1554	130	231	0	604	0	-	100	449	40	-
		F	186	14	41	0	56	0	-	3	69	3	-
	1907	MF	1492	199	240	0	412	0	-	90	489	64	-
		F	172	14	40	0	38	0	-	2	75	3	-
	1900	MF	1080	-	121	-	364	312	94	317	308	164	-
HONDURAS		F	277	-	67	-	36	89	31	26	28	-	-
	1905	MF	2578	50	188	-	561	456	119	338	639	178	49
	1906	MF	3006	26	180	-	424	605	68	211	296	181	1015
		F	574	20	70	-	41	131	26	5	106	-	169
	1907	MF	2976	45	226	-	608	908	94	346	555	192	-
	1908	MF	3459	50	307	-	639	1094	132	409	539	289	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
JAMAICA <sup>7</sup>	1961	MF	1146	355	48	-	-	178	290	-	269	-	6
		F	405	191	25	-	-	24	102	-	63	-	-
	1965	MF	1902	553	106	-	-	291	611	-	341	-	-
		F	788	354	48	-	-	95	216	-	75	-	-
	1966	MF	2073	600	125	-	-	337	620	-	391	-	-
	1967	MF	3584	639	107	-	-	864	743	609	422	-	-
	1968	MF	3890	698	118	-	-	983	881	694	516	-	-
	1969	MF	4178	649	134	-	-	1115	930	829	521	-	-
	1970	MF	4590	676	134	-	24	1210	1096	899	551	-	-
MARTINIQUE	1960	MF	461	-	-	-	461	-	-	-	-	-	-
		F	142	-	-	-	142	-	-	-	-	-	-
	1965	MF	623	-	-	-	516	-	107	-	-	-	-
	1966	MF	1325	-	-	-	1214	-	111	-	-	-	-
		F	462	-	-	-	422	-	40	-	-	-	-
	1969	MF	1673	-	-	-	1520	-	153	-	-	-	-
		F	595	-	-	-	535	-	60	-	-	-	-
MEXICO	1960	MF	78599	4102	1541	3938	9903	21505	7483	15327	12183	2547	70
		F	13763	2334	879	480	1127	3603	2537	165	2543	75	-
	1965	MF	133374	6963	2610	6677	16808	36495	12701	26007	20675	4326	112
		F	23350	3961	1491	816	1913	6112	4339	281	4316	121	-
	1966	MF	140089	10416	1177	5954	17401	36522	8018	32473	23520	4183	425
		F	23817	3622	601	396	1939	5543	2765	743	5891	116	201
	1967	MF	154289	10602	2756	6624	18169	38566	11435	37707	23351	4944	137
		F	26738	3791	1404	518	2221	6065	4441	1000	5161	157	-
	1968	MF	178436	13258	1499	7602	22162	46518	10207	41361	29959	5317	353
		F	32650	7701	822	542	2659	7593	3792	1018	8069	160	274
	1969	MF	188011	13940	2244	7023	20015	49619	14265	45719	29134	5939	113
		F	34774	6947	1329	697	2713	8671	3798	1451	6997	171	-
	1970	MF	247637	29057	4111	9368	24110	62509	15224	62501	37125	8409	1336
NICARAGUA	1960	MF	1435	-	124	-	308	181	-	120	573	129	-
		F	270	-	53	-	30	24	-	2	161	-	-
	1965	MF	3286	206	735	52	505	902	12	308	406	158	-
		F	831	47	369	5	109	217	1	5	80	-	-
	1966	MF	4056	326	641	62	553	1227	32	471	530	214	-
		F	1030	124	326	10	83	285	5	9	188	-	-
	1967	MF	5144	1085	4111	5111	653	1276	56	554	557	394	469
		F	1514	451	4111	5111	132	232	15	29	243	4	208
	1968	MF	6539	1505	4111	5111	687	1618	94	826	567	357	685
		F	1948	918	4111	5111	142	344	26	553	291	4	170
	1969	MF	8052	2287	4111	5111	784	1661	98	1085	719	341	1079
		F	2481	1109	4111	5111	169	338	21	56	441	5	342
	1970	MF	9385	3624	4111	5111	948	2022	111	1225	635	393	538
		F	2987	1658	4111	5111	223	466	111	82	318	10	230
PANAMA	1960	MF	4030	1172	379	240	227	730	667	276	295	44	-
		F	1729	732	277	26	8	322	188	2	172	-	-
	1965	MF	7247	1442	893	315	339	1859	1404	371	470	156	-
		F	3369	939	667	43	31	858	519	9	294	9	-
	1966	MF	8113	1689	1042	322	392	2256	1464	350	453	145	-
	1967	MF	9265	1801	1076	370	434	2911	1661	344	545	123	-
		F	4456	1198	770	56	53	1310	668	17	358	4	-
	1968	MF	10083	1856	1216	360	459	3165	1950	393	554	130	-
	1969	MF	7652	1245	838	293	419	2490	1043	367	454	103	-
	1970	MF	8159	1231	784	321	509	3044	1217	389	553	111	-
		F	3757	812	546	66	76	1405	516	18	312	6	-



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ST. LUCIA	1962	MF	44	"	44	"	"	"	"	"	"	"	"
		F	35	"	35	"	"	"	"	"	"	"	"
	1963	MF	42	"	42	"	"	"	"	"	"	"	"
		F	32	"	32	"	"	"	"	"	"	"	"
	1964	MF	90	"	90	"	"	"	"	"	"	"	"
		F	38	"	38	"	"	"	"	"	"	"	"
	1971	MF	293	"	115	"	"	"	"	178	"	"	"
		F	96	"	66	"	"	"	"	30	"	"	"
TRINIDAD AND TOBAGO	1960	MF	513	"	436	"	"	"	"	"	"	77	"
		F	226	"	225	"	"	"	"	"	"	1	"
	1963	MF	1594	388	684	"	"	40	182	167	"	133	"
		F	590	162	379	"	"	6	39	1	"	5	"
	1966	MF	1648	384	684	"	"	68	186	206	"	120	"
		F	1807	385	702	"	"	113	208	263	"	134	"
	1967	MF	1967	403	700	"	"	107	301	307	"	149	"
		F	1050	159	361	"	"	17	91	3	"	19	"
	1969	MF	2218	474	707	"	"	172	363	328	"	174	"
		F	753	206	368	"	"	32	124	4	"	19	"
	1970	MF	2381	523	710	"	19	211	404	343	"	171	"
		F	834	253	370	"	5	45	133	5	"	23	"
UNITED STATES OF AMERICA <sup>8</sup>	1960	MF	316349	36745	94993	9840	1651	67123	31805	36636	5842	4412	3302
	1963	MF	535332	75163	150300	18877	2463	126274	83811	57516	8909	6426	5591
	1968	MF	703745	102207	215131	27613	2539	159915	99506	63662	11373	7677	14032
	1970	MF	816207	111227	254673	34368	2533	197427	106024	64788	14242	8651	22474

# NOTES

- Full-time students enrolled at universities and equivalent institutions only.
- Natural sciences and compulsory general course for first-year students are included with humanities.
- Students enrolled either in first-year courses or in preparatory courses are included under "not specified".
- Education is included with humanities.
- Architecture is included with engineering.
- Social sciences and law are counted together.
- Excluding higher teacher training: 1876 students (1528F) in 1968. From 1961 to 1966 data refer to Mona Campus of the University of West Indies only; from 1967 data refer to this institution and to the College of arts, sciences and technology.
- Data refer only to students enrolled in advanced degree courses, i.e. master's and doctor's degrees. For actual total enrolment see Table 2.1.
- Etudiants à plein temps inscrits dans les universités et établissements équivalents seulement.
- Les lettres comprennent les sciences exactes et naturelles et l'enseignement général obligatoire pour les étudiants de première année.
- Sous la rubrique "non spécifié" sont classés les étudiants inscrits en première année ou en année préparatoire.
- L'éducation est classée avec les lettres.
- L'architecture est classée avec les sciences de l'ingénieur.
- Les sciences sociales et le droit sont classés ensemble.
- Ces données ne tiennent pas compte de l'enseignement normal supérieur: 1876 étudiants (1528F) en 1968. Pour la période 1961-1966 seul le "Mona Campus of the University of West Indies" a été considéré; à partir de 1967 les chiffres se réfèrent à cet établissement et au "College of arts, sciences and technology".
- Les données se réfèrent seulement aux étudiants inscrits dans les cours conduisant à un grade supérieur, par exemple "master's" et "doctor's degrees". Pour l'inscription totale voir tableau 2.1.

Table/Tableau 2.3 Distribution of graduates by field of study  
Répartition des diplômes par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettrés		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ANTIGUA	1963	MF	15	-	15	-	-	-	-	-	-	-	-
		F	11	-	11	-	-	-	-	-	-	-	-
	1965	MF	22	-	22	-	-	-	-	-	-	-	-
		F	14	-	14	-	-	-	-	-	-	-	-
	1969	MF	13	-	13	-	-	-	-	-	-	-	-
BARBADOS	1966	MF	88	19	65	-	-	-	8	-	-	-	-
		F	30	8	42	-	-	-	-	-	-	-	-
	1969	MF	129	44	80	-	-	-	5	-	-	-	-
		F	77	22	55	-	-	-	-	-	-	-	-
CANADA <sup>1</sup>	1960	MF	22351	8836	2859	200	719	2268	2171	4684	2062	335	17
		F	3473	2833	1045	99	40	504	346	14	374	17	5
	1965	MF	43214	19052	7201	359	952	3909	4791	4953	3200	777	20
		F	13210	7094	3139	141	52	843	728	22	1138	51	2
	1966	MF	49222	22670	7848	449	1122	4101	3498	3121	3572	837	4
		F	15115	8596	3629	214	60	885	885	15	1387	42	2
	1967	MF	56300	26116	8764	576	1242	4621	6580	3551	3973	877	-
		F	18529	10347	4004	255	75	939	1190	25	1628	66	-
	1968	MF	63119	28446	10333	762	1365	5193	7885	4112	4098	925	-
		F	21773	11983	4728	361	103	1189	1496	33	1832	46	-
	1969	MF	71296	29997	13080	969	1548	6430	8610	4762	4810	1090	-
		F	25416	13032	6525	412	111	1351	1595	57	2267	68	-
	1970	MF	79319	30946	16997	1011	2042	7824	9941	5262	4236	991	69
		F	28061	15217	8485	440	193	1717	1939	41	1934	68	29
COSTA RICA <sup>2</sup>	1965	MF	284	8	132	-	64	17	19	14	21	9	-
		F	309	9	138	5	44	11	29	8	53	14	-
	1967	MF	377	22	184	4	45	22	10	21	44	19	-
		F	178	12	144	3	1	4	4	-	10	-	-
	1968	MF	428	26	155	3	50	30	35	34	79	18	-
CUBA	1961	MF	1500	62	255	62	83	239	35	76	454	36	-
		F	462	52	217	17	17	39	27	17	69	7	-
	1963	MF	1805	123	422	60	43	173	35	334	311	104	-
		F	2006	135	504	48	31	213	44	424	457	152	-
	1967	MF	851	92	361	22	10	59	21	75	176	35	-
		F	2171	86	215	39	36	441	124	475	545	192	-
	1968	MF	712	55	155	14	16	134	57	86	176	21	-
		F	2072	123	135	56	37	374	175	453	1090	251	-
	1969	MF	970	81	105	10	9	129	74	67	415	80	-
		F	3003	199	376	45	63	280	261	805	784	190	-
DOMINICAN REP.	1961	MF	728	52	-	10	153	200	-	55	231	27	-
		F	208	33	-	-	38	81	-	1	45	10	-
	1967	MF	628	13	115	18	101	166	-	42	169	6	-
		F	205	2	87	8	30	48	-	2	85	1	-
	1969	MF	665	29	174	2	150	151	6	42	98	13	-
EL SALVADOR <sup>3</sup>	1960	MF	62	3	-	-	13	-	5	7	34	-	-
		F	177	25	-	-	19	-	22	24	83	-	-
	1966	MF	244	49	-	-	28	4	23	62	68	7	-
		F	287	41	-	-	52	7	15	107	52	3	-
	1968	MF	229	31	-	-	65	19	20	69	44	1	-
		F	288	19	-	-	55	13	32	96	66	7	-
	1970	MF	428	19	-	-	64	21	67	104	148	5	-
		F	110	8	-	-	3	-	45	5	51	-	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
GUATEMALA <sup>4</sup>	1960	MF	116	2	10	"	24	5	6	18	49	2	"
		F	21	1	0	"	1	"	5	1	7	"	"
	1965	MF	252	4	16	4	68	25	7	42	72	12	"
		F	20	"	0	"	2	3	4	"	5	"	"
	1966	MF	470	7	8	2	55	29	6	58	89	16	"
		F	19	3	0	"	2	1	3	"	3	1	"
	1967	MF	476	16	36	14	26	26	7	55	75	19	"
		F	33	11	14	"	2	3	2	"	1	"	"
	1968	MF	486	22	30	9	34	20	5	61	74	25	"
		F	39	13	14	"	1	3	2	"	5	1	"
	1969	MF	575	35	59	19	31	19	14	79	79	40	"
		F	57	10	28	1	1	"	9	2	4	2	"
	1970	MF	514	29	55	31	80	37	4	99	138	43	"
		F	52	15	18	1	4	2	2	"	10	"	"
HONDURAS <sup>5</sup>	1961	MF	34	"	"	"	13	1	1	5	14	"	"
	1965	MF	126	"	"	"	64	7	4	17	29	"	"
		F	19	"	"	"	5	4	7	"	3	"	"
	1966	MF	170	"	"	"	67	11	13	37	42	"	"
		F	8	"	"	"	2	"	3	2	1	"	"
	1967	MF	413	"	"	"	59	25	16	26	87	"	"
		F	25	"	"	"	5	5	5	2	5	"	"
	1968	MF	153	2	"	"	42	11	12	13	53	"	"
		F	16	"	"	"	2	3	5	"	6	"	"
	1969	MF	105	"	1	"	35	11	15	19	24	"	"
		F	18	"	"	"	4	4	8	1	1	"	"
JAMAICA <sup>6</sup>	1965	MF	278	61	38	"	"	77	50	23	22	3	4
	1966	MF	324	72	39	"	"	101	45	29	30	3	5
	1967	MF	385	102	40	"	"	100	52	32	44	10	5
MEXICO	1962	MF	4577	123	35	211	502	344	506	1021	1606	231	"
	1965	MF	6246	49	179	321	907	680	374	1729	1791	216	"
		F	813	27	100	15	82	59	232	16	280	2	"
	1967	MF	7521	84	96	438	928	1025	586	2065	1899	400	"
		F	1005	57	61	41	101	110	217	26	373	18	"
	1968	MF	8558	157	60	235	1122	1299	571	2205	2489	422	"
		F	1287	98	42	41	148	123	295	44	479	17	"
	1969	MF	9478	116	271	464	1286	1207	465	2619	2665	387	"
		F	1442	74	168	45	155	138	239	42	367	16	"
NICARAGUA	1965	MF	214	7	18	"	37	7	"	34	111	7	"
	1968	MF	321	784	700	"	38	10	20	16	141	12	"
	1969	MF	529	127	100	"	68	60	12	91	129	42	"
PANAMA	1962	MF	289	65	80	2	22	25	19	15	34	7	"
		F	140	42	56	"	"	16	12	"	14	"	"
	1964	MF	316	91	75	5	18	24	34	17	41	11	"
		F	177	61	62	1	"	13	26	1	13	"	"
	1966	MF	362	58	132	5	15	47	56	25	24	"	"
		F	220	39	105	2	"	19	40	1	16	"	"
	1967	MF	543	79	142	15	22	78	61	19	118	9	"
		F	310	749	700	3	1	33	33	"	86	1	"
	1970	MF	576	229	100	4	17	111	126	30	47	12	"



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
PUERTO RICO	1960	MF	3055	246	947	13	85	525	317	168	178	68	488
		F	1321	130	669	6	15	190	137	2	67	4	101
	1965	MF	4763	709	1272	52	196	1553	316	203	187	23	274
		F	2386	477	805	20	38	670	141	3	91	-	141
	1966	MF	4861	651	1126	21	183	1415	319	239	230	34	643
		F	2767	456	853	13	19	665	135	7	137	3	457
	1967	MF	5681	730	1069	34	238	1925	419	252	252	30	732
		F	3053	510	771	20	35	874	205	2	150	5	481
	1968	MF	6751	714	1292	50	255	2157	506	308	314	33	1122
		F	3736	502	894	33	43	1055	247	4	192	1	765
	1969	MF	7059	1146	1369	42	244	2424	532	297	468	62	1055
		F	4243	807	900	29	51	1176	245	8	305	4	718
	1970	MF	8263	1398	1309	78	231	2693	586	325	503	39	1101
		F	4617	1013	874	40	53	1215	313	5	349	3	754
TRINIDAD AND TOBAGO <sup>6</sup>	1966	MF	146	80	-	-	-	-	12	39	-	15	-
	1968	MF	272	62	-	-	-	38	16	60	-	34	-
		F	53	33	-	-	-	8	7	1	-	4	-
	1969	MF	222	51	-	-	-	38	39	61	-	33	-
		F	44	20	-	-	-	7	13	1	-	3	-
	1970	MF	374	96	-	-	-	54	82	85	-	59	-
UNITED STATES OF AMERICA <sup>6</sup>	1960	MF	490628	50409	107289	27122	10132	147846	60882	44987	26577	7227	8157
		F	171107	24438	68886	13471	290	40442	12088	168	10067	104	1152
	1965	MF	821439	140168	170678	27157	14300	167638	83195	51594	30316	10349	126044
		F	319623	67702	113582	13204	519	40386	19573	228	13405	285	50739
	1966	MF	908054	155004	179130	31182	16001	187482	89190	52448	31866	11195	154556
		F	355094	74999	118341	15260	630	45765	21163	266	14547	312	63811
	1967	MF	1025489	175468	202487	36314	17691	218508	97669	55482	34025	11823	176522
		F	411463	87587	155948	18257	707	55226	24269	320	16163	438	72548
	1968	MF	1167408	200275	228162	43602	18316	254337	108414	59865	36702	13880	203855
		F	473084	100991	154728	22275	756	66090	27316	434	18974	578	81742
	1969	MF	1271414	211046	250696	49055	16390	282840	111496	63753	39677	15143	231318
		F	520294	105877	169200	24655	868	74131	30545	526	20058	732	93722
	1970	MF	1531200	228507	271885	47745	18941	315296	107582	70127	45948	17467	208502
		F	544423	115502	182654	22344	1313	83705	27851	608	23577	809	86060
VIRGIN ISLANDS	1970	MF	48	11	12	-	-	19	6	-	-	-	-
		F	28	10	11	-	-	6	1	-	-	-	-

#### NOTES

- Data refer to universities and equivalent institutions only.
- University of Costa Rica only.
- Architecture is included with engineering.
- University of San Carlos only.
- University of Honduras only.
- Not including higher teacher training.
- Education is included with humanities.
- Pharmacy is included with natural sciences.
- From 1965 practically all the figures given in "not specified" refer to associate degrees for which the distribution by field of study is not available.
- Les données se rapportent aux universités et les établissements équivalent seulement.
- Université de Costa Rica seulement.
- L'architecture est classée avec les sciences de l'ingénieur.
- Université de San Carlos seulement.
- Université de Honduras seulement.
- Non compris l'enseignement normal supérieur.
- L'éducation est classée avec les lettres.
- La pharmacie est classée avec les sciences exactes et naturelles.
- A partir de 1965 les chiffres présentés sous la rubrique "non spécifié" se réfèrent dans leur presque totalité aux grades d'associés pour lesquels la répartition par branches d'études n'est pas disponible.

**Table/Tableau 2.4 Distribution of graduates by level of degree or diploma  
Répartition des diplômés selon le niveau du diplôme obtenu**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
ANTIGUA	1963	15	"	"	11	"	"
	1968	22	"	"	14	"	"
	1969	13	"	"	9	"	"
BARBADOS	1966	63	23	"	42	8	"
	1969	80	49	"	55	22	"
CANADA <sup>1</sup>	1960	"	19704	2647	"	3084	389
	1965	"	37694	5520	"	12275	937
	1966	"	46716	6506	"	14538	1177
	1967	"	49056	7244	"	17207	1322
	1968	"	54318	8801	"	20013	1760
	1969	"	60453	10843	"	23180	2236
	1970	"	67200	12119	"	25604	2457
COSTA RICA <sup>2</sup>	1965	46	238	"	111	111	"
	1966	54	253	"	111	111	"
	1967	49	328	"	41	137	"
	1968	51	397	"	18	155	"
CUBA	1961	"	1300	"	"	462	"
	1965	"	1803	"	"	111	"
	1966	"	2006	"	"	851	"
	1967	"	2171	"	"	712	"
	1968	"	2672	"	"	970	"
	1969	"	3003	"	"	1126	"
DOMINICAN REP.	1961	"	728	"	"	208	"
	1969	"	665	"	"	111	"
EL SALVADOR	1960	"	62	"	"	111	"
	1965	"	177	"	"	111	"
	1966	"	244	"	"	111	"
	1967	"	287	"	"	111	"
	1968	"	229	"	"	111	"
	1969	"	288	"	"	111	"
	1970	"	428	"	"	110	"
GUATEMALA <sup>3</sup>	1960	9	107	"	7	14	"
	1965	19	233	"	6	14	"
	1966	4	266	"	3	16	"
	1967	37	232	7	13	20	"
	1968	39	233	12	17	22	"
	1969	6	369	"	"	37	"
	1970	18	494	2	7	43	"
HONDURAS <sup>4</sup>	1961	"	36	"	"	111	"
	1965	"	120	"	"	19	"
	1966	"	170	"	"	8	"
	1967	"	213	"	"	25	"
	1968	"	133	"	"	16	"
	1969	"	103	"	"	18	"
NICARAGUA	1965	"	214	"	"	"	"
	1968	"	321	"	"	"	"
	1969	"	529	"	"	"	"
PANAMA	1962	33	256	"	11	129	"
	1964	10	306	"	5	172	"
	1966	18	344	"	7	213	"
	1967	89	454	"	73	237	"

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
PUERTO RICO	1960	-	2994	41	-	1304	12
	1965	-	4546	219	-	2288	98
	1966	599	4272	190	324	2343	100
	1967	481	4800	400	363	2520	168
	1968	706	5410	635	532	2897	307
	1969	622	5980	1057	442	3240	361
	1970	785	6558	920	580	3535	502
TRINIDAD AND TOBAGO <sup>5</sup>	1966	-	140	-	-	111	-
	1968	-	188	24	-	50	3
	1969	-	189	33	-	39	9
	1970	-	331	43	-	111	111
UNITED STATES OF AMERICA	1960	-	401113	84515	-	145514	25593
	1965	111607	551040	158792	47828	222187	49608
	1966	139183	590548	178323	60827	237197	57070
	1967	159441	668710	199838	69124	276203	66156
	1968	183279	764185	219944	77618	319805	75061
	1969	206023	827234	238157	88591	345060	86645
	1970	188164	877676	263360	80945	366538	96940

#### NOTES

1. Data refer to universities and equivalent institutions only.
2. University of Costa Rica only.
3. University of San Carlos only.
4. University of Honduras only.
5. Not including higher teacher training.

1. Les données se rapportent aux universités et aux établissements équivalents seulement.
2. Université de Costa Rica seulement.
3. Université de San Carlos seulement.
4. Université de Honduras seulement.
5. Non compris l'enseignement normal supérieur.



**Table/Tableau 2.5 Distribution of graduates by level of degree or diploma and by field of study**  
**Répartition des diplômes selon le niveau du diplôme obtenu et par branches d'études**

A - Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
 B - First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C - Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
CANADA <sup>1</sup>	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	19704	8188	2625	182	697	1591	1614	2412	1898	485	12
			C	2647	648	234	16	22	677	557	272	164	50	5
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	5084	2680	1002	84	35	405	292	8	557	16	5
			C	389	153	43	11	5	99	54	6	17	1	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	37694	17827	6606	344	932	2485	5634	2334	2863	647	20
			C	5520	1225	593	15	20	1424	1157	619	337	130	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	12213	6770	3007	132	52	582	604	15	1074	35	2
			C	937	324	132	9	-	261	124	7	64	16	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	67200	28706	15209	887	1949	4263	7847	3898	3667	705	69
			C	12119	2240	1788	124	93	3561	2094	1364	569	286	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	25004	12414	8000	389	183	1029	1691	31	1780	52	29
			C	2457	803	477	51	10	688	248	10	154	16	-
COSTA RICA <sup>2</sup>	1965	MF	A	46	-	46	-	-	-	-	-	-	-	-
			B	238	8	86	-	64	17	19	14	21	9	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1968	MF	A	51	-	19	-	-	-	-	12	-	-	-
			B	597	26	136	3	50	30	35	22	79	18	-
			C	-	-	-	-	-	-	-	-	-	-	-
CUBA	1961	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	1500	62	253	62	83	239	35	76	454	36	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	462	52	217	17	17	39	27	17	69	7	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	1805	123	422	60	43	173	35	334	511	104	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1969	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	3003	199	376	45	63	280	261	805	784	190	-
			C	-	-	-	-	-	-	-	-	-	-	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	1126	95	260	18	22	93	105	145	326	58	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
GUATEMALA <sup>3</sup>	1960	MF	A	9	1	8	-	-	-	-	-	-	-	-
			B	107	1	2	-	24	5	6	18	49	2	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	7	1	6	-	-	-	-	-	-	-	-
			B	14	-	-	-	1	-	5	1	7	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	19	-	15	-	-	4	-	-	-	-	-
			B	233	4	5	4	68	21	7	42	72	12	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	6	-	5	-	-	1	-	-	-	-	-
			B	14	-	1	-	2	2	4	-	5	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	18	-	17	-	-	1	-	-	-	-	-
			B	494	27	36	31	80	36	4	99	138	43	-
			C	2	2	-	-	-	-	-	-	-	-	-
		F	A	7	-	6	-	-	1	-	-	-	-	-
			B	45	15	14	1	4	1	2	-	10	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
HONDURAS <sup>4</sup>	1961	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	34	-	-	-	13	1	1	5	14	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	126	-	-	-	64	7	9	17	29	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	19	-	-	-	5	4	7	-	3	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1969	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	105	-	1	-	35	11	15	19	24	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	18	-	-	-	4	4	8	1	1	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
NICARAGUA	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	214	-	18	-	37	7	-	34	111	7	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1969	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	529	127	111	-	68	60	12	91	129	42	-
			C	-	-	-	-	-	-	-	-	-	-	-
PANAMA	1962	MF	A	33	-	-	-	-	-	-	-	33	-	-
			B	256	65	80	2	22	25	19	19	21	7	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	11	-	-	-	-	-	-	-	11	-	-
			B	129	42	56	-	-	16	12	-	3	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1967	MF	A	89	-	-	4	-	-	-	2	83	-	-
			B	454	79	142	11	22	78	61	17	35	9	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	73	-	-	-	-	-	-	-	73	-	-
			B	257	49	104	3	1	33	33	-	13	1	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
PUERTO RICO	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	2994	235	947	13	85	525	301	168	164	68	488
			C	41	11	-	-	-	-	10	-	14	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1309	123	669	6	15	190	133	2	66	4	101
			C	12	7	-	-	-	-	4	-	1	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	4546	695	1224	32	196	1453	305	200	153	18	270
			C	219	14	48	-	-	100	11	3	34	5	4
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	2288	467	778	20	38	625	136	3	83	-	138
			C	98	10	27	-	-	45	5	-	8	-	3
	1970	MF	A	785	-	-	-	-	-	-	-	-	-	785
			B	6558	1501	1005	59	231	2418	531	311	350	38	316
			C	920	97	300	19	-	275	55	14	153	1	-
		F	A	580	-	-	-	-	-	-	-	-	-	580
			B	3535	945	700	33	53	1084	281	3	259	3	174
			C	502	68	174	7	-	131	32	-	90	-	-
TRINIDAD AND TOBAGO <sup>6</sup>	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	146	80	-	-	-	-	12	39	-	15	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	331	94	-	-	-	30	79	83	-	45	-
			C	43	-	-	-	-	24	5	2	-	14	-
UNITED STATES OF AMERICA	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	401113	62869	74391	21770	9514	130473	48210	35866	24787	5418	7810
			C	89515	7540	32890	5352	618	17368	12672	9121	1790	1809	347
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	145514	21407	54525	11631	262	36677	10405	134	9345	73	1057
			C	25593	5031	14364	1840	28	3765	1685	34	722	31	95
	1965	MF	A	111607	-	-	-	-	-	-	-	-	-	111607
			B	551040	115970	117185	21272	13491	137976	63774	55615	27232	8100	12425
			C	158792	26198	55495	5885	809	29662	19421	15979	3084	2249	2012
		F	A	47828	-	-	-	-	-	-	-	-	-	47828
			B	222187	50165	85360	10848	480	34896	16468	143	12130	206	2485
			C	49008	11537	25210	2356	39	5490	3105	85	1275	79	426
	1970	MF	A	188164	-	-	-	-	-	-	-	-	-	188164
			B	877676	185422	176571	35964	17966	260085	81742	50046	39133	13924	16823
			C	265500	45085	95114	11781	975	55211	25840	20081	6215	3543	3515
		F	A	80945	-	-	-	-	-	-	-	-	-	80945
			B	366538	95972	151482	18802	1267	72588	22741	400	20318	634	4334
			C	96940	21530	51172	3542	46	11117	5110	208	3259	175	781
VIRGIN ISLANDS	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	48	11	12	-	-	19	6	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	28	10	11	-	-	6	1	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-



# NOTES

- |   |   |
|---|---|
| 1. Data refer to universities and equivalent institutions only.                                   | 1. Les données se rapportent aux universités et aux établissements équivalents seulement.                                 |
| 2. University of Costa Rica only.   | 2. Université de Costa Rica seulement.  |
| 3. University of San Carlos only.   | 3. Université de San Carlos seulement.  |
| 4. University of Honduras only.   | 4. Université de Honduras seulement.  |
| 5. Education is included with humanities.   | 5. L'éducation est classée avec les lettres.  |
| 6. Not including higher teacher training.   | 6. Non compris l'enseignement normal supérieur.   |
| 7. Data refer to associate degrees for which the distribution by field of study is not available. | 7. Les données se réfèrent aux grades d'associés pour lesquels la répartition par branches d'études n'est pas disponible. |

## 3. SOUTH AMERICA/AMERIQUE DU SUD

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## NOTE

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following list.

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après :

Argentina	Argentina	Chili	Chile	Guyane	Guyana	Surinam	Surinam
Bolivia	Bolivia	Colombie	Colombia	Paraguay	Paraguay	Uruguay	Uruguay
Brésil	Brazil	Equateur	Ecuador	Pérou	Peru	Venezuela	Venezuela

Table/Tableau 3.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country	Year	Total	Universities and equivalent institutions		Non-university teacher training		Other non-university institutions			
Pays	Année		Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires			
		MF	F	MF	F	MF	F	MF	F	
AMERICA, SOUTH										
ARGENTINA	TEACHERS	1960	8575	1757	6282	782	2293	975	...	...
		1965	15401	3725	11167	1521	3031	1702	1203	502
		1966	15301	3902	10780	1579	3237	1828	1284	495
		1967	16307	4284	11469	1677	3376	2045	1482	562
		1968	19788	5296	14253	2327	3901	1550	1634	1419
		1969	21336	6584	15478	3397	5858	3187	...	...
		1970	22477	6889	16004	3186	6473	3703	...	...
	STUDENTS	1960	175935	57230	159643	46147	6021	5126	8271	5957
		1965	246680	96681	222194	76785	17865	15205	6621	4691
		1966	247800	97811	221015	76121	19001	16530	7784	5160
		1967	264048	104528	237256	82429	19536	16830	7256	5269
		1968	265303	109509	234402	83470	23480	20367	7421	5672
		1969	271496	113033	238015	84816	26955	23355	6526	4862
		1970	274636	117251	236515	84835	31107	27024	7012	5392
BOLIVIA	TEACHERS	1960	*1680	...	*1500	...	*180	64	"	"
		1965	*331	*203	2057	99	274	*104	"	"
		1966	*604	*244	2283	119	321	*125	"	"
		1967	*383	*218	2139	120	244	*98	"	"
		1968	*606	*252	2354	152	252	*100	"	"
		1969	*727	*273	2457	165	270	*108	"	"
		1970	...	...	...	...	...	...	"	"
	STUDENTS	1960	12055	2698	10023	1203	2032	1495	"	"
		1965	16912	4435	13996	2335	2916	2100	"	"
		1966	18306	4877	15013	2535	3293	2342	"	"
		1967	21228	5870	17404	3138	3824	2732	"	"
		1968	23125	6548	18884	3633	4241	2915	"	"
		1969	27352	8030	21693	4200	5659	3830	"	"
		1970	...	...	...	...	...	...	"	"
BRAZIL	2 TEACHERS	1960	21912	3107	21912	3107	"	"	"	"
		1965	33126	...	33126	...	"	"	"	"
		1966	36100	...	36109	...	"	"	"	"
		1967	39556	...	39556	...	"	"	"	"
		1968	44706	...	44706	...	"	"	"	"
		1969	39188	8378	39188	8378	"	"	"	"
		1970	42968	8898	42968	8898	"	"	"	"
	STUDENTS	1960	95691	26927	95691	26927	"	"	"	"
		1965	155781	47511	155781	47511	"	"	"	"
		1966	180109	56506	180109	56506	"	"	"	"
		1967	215522	75528	215522	75528	"	"	"	"
		1968	282653	96179	282653	96179	"	"	"	"
		1969	346824	127712	346824	127712	"	"	"	"
		1970	430473	162176	430473	162176	"	"	"	"
CHILE	TEACHERS	1960	6397	...	6397	...	"	"	"	"
		1965	8835	...	8835	...	"	"	"	"
		1966	...	...	...	...	"	"	"	"
		1967	...	...	...	...	"	"	"	"
		1968	...	...	...	...	"	"	"	"
		1969	...	...	...	...	"	"	"	"
		1970	...	...	...	...	"	"	"	"
	STUDENTS	1960	26027	9591	26027	9591	"	"	"	"
		1965	43608	16522	43608	16522	"	"	"	"
		1966	51678	...	51678	...	"	"	"	"
		1967	59359	23382	59359	23382	"	"	"	"
		1969	73035	29083	73035	29083	"	"	"	"
		1970	78430	30125	78430	30125	"	"	"	"
		...	...	...	...	...	"	"	"	"
COLUMBIA	TEACHERS	1960	3443	...	3443	...	"	"	"	"
		1965	6489	...	6489	...	"	"	"	"
		1966	7404	...	7404	...	"	"	"	"
		1967	7746	...	7746	...	"	"	"	"
		1968	8860	...	8860	...	"	"	"	"
		1969	9114	...	9114	...	"	"	"	"
		1970	10295	...	10295	...	"	"	"	"
	STUDENTS	1960	...	...	...	...	"	"	"	"
		1965	...	...	...	...	"	"	"	"
		1966	...	...	...	...	"	"	"	"
		1967	...	...	...	...	"	"	"	"
		1968	...	...	...	...	"	"	"	"
		1969	...	...	...	...	"	"	"	"
		1970	...	...	...	...	"	"	"	"



Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
COLOMBIA	STUDENTS	1960	23013	4234	23013	4234	"	"	"	"
		1965	44403	10309	44403	10309	"	"	"	"
		1966	50035	11600	50035	11600	"	"	"	"
		1967	58712	15139	58712	15139	"	"	"	"
		1968	65144	17145	65144	17145	"	"	"	"
		1969	73770	18621	73770	18621	"	"	"	"
		1970	85560	22936	85560	22936	"	"	"	"
ECUADOR	TEACHERS	1960	1135	60	1098	49	"	"	37	11
		1965	1756	160	1682	121	"	"	74	19
		1966	1995	129	1943	117	"	"	52	12
		1967	1969	110	1910	100	"	"	59	10
		1968	2256	151	2201	140	"	"	55	11
		1969	2454	195	2429	185	"	"	25	10
		1970	2867	207	2833	194	"	"	34	13
	STUDENTS	1960	9361	1740	9286	1694	"	"	75	52
		1965	14038	3048	13728	2942	"	"	310	106
		1966	16047	3563	15783	3450	"	"	264	113
		1967	19600	4809	19312	4694	"	"	288	115
		1968	24637	5686	22348	5574	"	"	289	112
		1969	34002	8853	31824	8789	"	"	178	64
		1970	38692	11629	38582	11548	"	"	110	81
GUYANA	TEACHERS	1965	61	12	61	12	"	"	"	"
		1966	67	5	67	5	"	"	"	"
		1967	44	2	44	2	"	"	"	"
		1968	88	22	88	22	"	"	"	"
	STUDENTS	1965	319	48	319	48	"	"	"	"
		1966	484	85	484	85	"	"	"	"
		1967	579	109	579	109	"	"	"	"
		1968	775	183	775	183	"	"	"	"
		1969	1030	211	1030	211	"	"	"	"
		1970	1112	218	1112	218	"	"	"	"
PARAGUAY	TEACHERS	1960	479	...	479	...	"	"	"	"
		1965	783	...	783	...	"	"	"	"
		1966	598	...	598	...	"	"	"	"
		1967	604	...	604	...	"	"	"	"
		1968	652	...	652	...	"	"	"	"
		1969	1069	...	1049	...	20	...	"	"
		1970	956	...	923	...	33	...	"	"
	STUDENTS	1960	3425	1087	3425	1087	"	"	"	"
		1965	5833	2397	5833	2397	"	"	"	"
		1966	6521	2534	6521	2534	"	"	"	"
		1967	7024	2770	7024	2770	"	"	"	"
		1968	7144	2783	7144	2783	"	"	"	"
		1969	7729	3174	7593	3069	136	105	"	"
		1970	8172	3442	7853	3194	319	248	"	"
PERU	TEACHERS	1960	3944	...	3544	...	400	...	"	"
		1965	8579	...	7125	...	1454	587	"	"
		1966	10334	...	8474	...	1864	...	"	"
		1967	11633	...	9632	...	2001	714	"	"
		1968	12568	...	10303	...	2265	724	"	"
		1969	10715	...	8493	...	2222	...	"	"
		1970	13900	...	11800	...	2100	...	"	"
	STUDENTS	1960	34983	10010	30983	7910	4000	*2100	"	"
		1965	79259	27197	64541	18192	14718	9005	"	"
		1966	91923	31150	73923	21150	18000	*10000	"	"
		1967	101099	34552	83509	24010	17590	10342	"	"
		1968	110282	40426	93903	27595	22379	12831	"	"
		1969	117233	*40950	96533	*29150	20700	*11800	"	"
		1970	124700	*43600	105600	*32700	19100	*10900	"	"

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
		Année		Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
SURINAM	TEACHERS	1960	84	...	-	27	...	57	...
		1965	76	...	-	26	...	50	...
	STUDENTS	1960	749	182	-	330	125	419	57
		1965	854	201	-	350	135	504	66
URUGUAY	STUDENTS	1960	15320	6323	15320	6323	...	-	-
		1965	16975	...	16975	...	...	-	-
		1966	...	...	...	...	...	-	-
		1968	18650	7530	18650	7530	...	-	-
VENEZUELA	TEACHERS	1960	3093	283	2884	227	209	56	-
		1965	4762	443	4451	350	311	93	-
		1966	5692	826	5345	718	347	108	-
		1967	5717	891	5343	771	374	120	-
		1968	6188	...	5784	...	404	143	-
		1969	7060	1208	6622	1061	438	147	-
		1970	8085	1433	7621	1273	464	160	-
	STUDENTS	1960	26477	8220	24320	6987	2157	1233	-
		1965	46523	15390	43477	13890	2848	1500	-
		1966	53790	18173	50631	16471	3159	1702	-
		1967	58747	20228	55367	18449	3380	1839	-
		1968	66736	24800	63260	22819	3476	1981	-
		1969	74666	29958	70396	27572	4070	2386	-
		1970	86739	35376	82120	32585	4619	2791	-

#### NOTES

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| <p>1. Data referring to other non-university institutions are included with non-university teacher-training.</p> <p>2. From 1960 to 1968, data include administration staff.</p> <p>3. National University of Asunción only.</p> | <p>1. Les données relatives aux autres établissements non universitaires sont incluses avec l'enseignement normal non universitaire.</p> <p>2. Pour la période 1960-1968, les données comprennent le personnel administratif.</p> <p>3. Université Nationale de Asunción seulement.</p> |
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Table/Tableau 3.2 Distribution of students by field of study  
Répartition des étudiants par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ARGENTINA <sup>1</sup>	1900	MF	173935	11509	6021	17151	...	58019	5520	22710	48248	3226	1525
		F	57230	9162	5120	8018	...	16465	2217	614	14493	269	1066
	1905	MF	246080	24335	17865	14910	...	89275	9220	28175	53410	6010	3480
		F	96081	16931	15205	6365	...	29732	4215	800	18617	517	2281
	1906	MF	247800	25483	19001	14143	...	87925	10248	26162	53396	6761	4681
		F	97190	19521	16530	6114	...	28584	3616	1011	18810	649	2955
	1907	MF	264048	27185	19530	14931	...	100398	10407	29754	50104	7938	3795
		F	104528	21231	16830	6815	...	33193	3804	1207	17987	852	2609
	1908	MF	265503	26134	23480	15837	...	98579	8753	31211	45392	9511	4410
		F	109509	22390	20367	7386	...	32707	4269	1114	16748	1217	3311
	1909	MF	271496	27082	20955	18038	...	100019	9486	53562	41423	9814	4517
		F	113053	22251	23355	7815	...	33164	4617	1235	15918	1263	3319
	1910	MF	274054	30073	31107	18856	...	88526	10250	57865	41277	11541	5139
		F	117251	26215	27024	8421	...	28822	5266	1589	16485	1523	3906
BOLIVIA	1905	MF	16912	395	2998	710	1544	2619	966	1540	3216	917	2007
		F	4455	186	2159	221	186	493	38	23	908	21	200
	1906	MF	18074	562	3618	792	1692	3038	1762	1527	3003	915	1565
		F	4873	173	2421	235	228	587	454	25	572	20	160
	1907	MF	21082	556	3993	914	2095	3726	1630	1777	3912	1134	1345
		F	5056	233	2844	248	329	791	97	31	1096	23	144
	1908	MF	22919	596	4390	1034	2255	4371	1535	1913	4272	1312	1437
		F	6491	222	2997	264	484	958	69	31	1189	133	164
BRAZIL	1900	MF	95091	9751	5572	4746	24033	14380	3447	11106	19938	2738	-
		F	26927	6257	4290	2619	3434	3976	1295	188	4752	116	-
	1905	MF	155181	17086	9045	4989	33402	30222	6915	22121	25548	6137	316
		F	47511	12001	7182	2496	6409	9407	2546	504	6399	345	222
	1906	MF	282053	36507	17538	8752	53963	56213	17545	41244	40666	8427	-
		F	96179	27084	14284	4851	12110	17383	6745	1149	11976	597	-
	1909	MF	346024	55502	27111	11055	61378	70458	29196	41858	46492	9174	-
		F	177112	40034	17101	6694	14211	22126	10912	1417	14536	681	-
	1910	MF	450473	69788	27546	14475	71672	92400	41124	48118	55222	10134	-
		F	162176	50428	21172	8771	17539	28793	15368	1840	17334	933	-
CHILE	1900	MF	26027	1000	7167	1455	2799	2794	1058	5299	3227	1248	-
		F	9591	608	4705	665	613	1243	300	133	1151	167	-
	1905	MF	43008	949	11234	1857	3431	5348	890	12295	4812	1249	1563
		F	51078	903	13839	1982	5010	6719	1015	14636	5995	1394	2185
	1907	MF	59559	992	16291	2137	3078	7567	1058	17038	6941	1656	2601
		F	23582	633	10086	1060	764	3711	444	1700	3746	179	1059
	1909	MF	73055	1144	22714	2625	3266	9475	1607	21855	7769	2164	416
		F	29083	715	15817	1006	897	4184	534	2793	4599	279	259
	1910	MF	78450	1310	24446	4151	3021	11462	1356	20354	9206	3124	-
		F	30125	746	14863	1884	762	4308	426	1163	5555	418	-
COLOMBIA <sup>2</sup>	1900	MF	23013	594	1031	2577	4123	2216	747	5416	4802	1507	-
		F	44403	2944	4600	4327	5274	5748	985	9641	5205	3157	2522
	1905	MF	50035	2721	5328	4600	5410	7174	1330	11604	5724	3271	2873
		F	58112	2262	6586	4174	6288	8620	1560	12650	6367	3891	6308
	1907	MF	65144	5031	7542	4806	7051	10478	1210	12695	6474	4114	7745
		F	75170	2744	8174	4075	7397	12606	2326	14048	6949	5185	10266
	1909	MF	85560	2262	9865	6921	8778	17375	2368	17388	7749	5741	9115
		F											



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
<b>EQUADOR</b>													
	1961	MF	4361	557	792	463	1542	1129	396	1804	2385	491	"
		F	1746	126	411	27	97	296	193	33	534	7	"
	1963	MF	14038	1277	1551	632	1702	2059	284	2837	1784	951	961
		F	3048	762	790	72	127	484	176	43	438	33	121
	1966	MF	16047	1392	1882	836	1766	2762	332	3420	2199	1431	7
		F	3303	751	987	83	124	768	212	62	521	50	1
	1967	MF	19600	1947	2418	973	2211	3456	421	4031	2523	1600	"
		F	4619	1240	1270	99	188	977	267	63	645	70	"
	1968	MF	22637	2363	3014	1018	2385	3937	496	4763	2932	1699	8
	1969	MF	32002	3892	3111	1661	3037	5363	907	5871	3987	2164	"
		F	8853	3108	3111	179	344	1373	348	87	1094	120	"
	1970	MF	38692	3086	3203	1661	3410	7280	872	7453	4841	2436	450
		F	11629	3433	2713	239	376	2324	690	131	1454	294	173
<b>GUYANA</b>													
	1963	MF	164	60	"	"	"	62	42	"	"	"	"
		F	29	17	"	"	"	5	7	"	"	"	"
	1965	MF	319	116	"	"	"	116	87	"	"	"	"
		F	48	32	"	"	"	5	11	"	"	"	"
	1966	MF	484	168	"	"	"	188	113	"	15	"	"
		F	85	50	"	"	"	14	10	"	5	"	"
	1967	MF	579	181	33	"	"	212	133	"	20	"	"
		F	109	53	10	"	"	17	21	"	8	"	"
	1968	MF	775	230	53	"	"	228	170	"	28	"	64
		F	183	70	18	"	"	30	33	"	13	"	17
	1969	MF	1030	288	47	16	"	250	239	38	24	"	128
		F	211	96	19	2	"	36	47	"	15	"	"
	1970	MF	1112	308	53	7	14	266	242	180	42	"	"
		F	228	96	14	"	2	41	48	3	14	"	"
<b>PARAGUAY</b>													
	1960	MF	3425	367	3111	242	667	631	299	127	608	204	"
		F	1087	390	3111	143	113	43	189	8	163	38	"
	1963	MF	5833	1413	3111	383	1286	1244	340	269	484	274	140
		F	2397	1175	3111	213	234	203	177	10	201	29	133
	1966	MF	6321	1391	3111	493	1248	1344	487	373	466	332	187
		F	2334	1114	3111	261	233	247	276	14	178	30	181
	1967	MF	7024	1610	3111	580	1442	1412	583	333	501	364	177
		F	2770	1280	3111	273	268	234	321	11	181	31	169
	1968	MF	7144	1570	3111	622	1751	1202	698	426	478	417	180
		F	2783	1267	3111	283	404	163	262	16	180	36	170
	1969	MF	7729	1380	273	679	1732	1261	393	463	707	439	198
		F	3176	822	221	320	684	263	337	23	374	38	88
	1970	MF	8172	1454	446	791	1801	1384	580	499	690	468	39
		F	3442	1036	368	397	475	290	372	32	374	46	52
<b>PERU</b>													
	1960	MF	34983	2808	10381	297	3433	3582	1533	4196	5144	1589	"
		F	10010	782	3334	54	451	1400	333	147	1440	47	"
	1963	MF	79239	6183	38448	749	4624	11587	3423	3371	5351	3323	"
		F	27197	1993	19521	133	604	2414	398	183	1644	87	"
	1966	MF	91923	6760	44503	1073	5014	14627	4069	6133	5557	4163	"
		F	31130	2303	21841	200	677	3426	778	176	1640	109	"
	1967	MF	101099	8084	46709	1488	5376	16028	4696	7361	6180	5377	"
		F	34332	2587	23588	314	713	3982	911	173	2034	250	"
	1968	MF	116282	8649	34332	1573	6062	19886	3034	8238	6946	5562	"
		F	40426	2963	27308	324	837	3194	993	200	2311	294	"
	1971	MF	133331	11816	61909	2989	6332	21113	4239	11463	7864	7404	"
		F	47630	3916	29873	1083	1128	3180	1413	1017	3937	263	"
<b>SRINAGAR</b>													
	1960	MF	749	"	330	"	391	"	"	"	28	"	"
		F	182	"	123	"	53	"	"	"	2	"	"
	1963	MF	834	"	330	"	467	"	"	"	37	"	"
		F	401	"	133	"	38	"	"	"	8	"	"

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
URUGUAY <sup>4</sup>	1960	MF	13320	1159	-	1791	4415	2116	...	668	4541	630	-
	1965	MF	10975	954	-	1664	4730	2574	...	650	5241	1162	-
	1968	MF	18650	828	-	1670	4940	2639	...	767	6231	1575	-
		F	7530	544	-	576	2239	972	...	70	2895	234	-
VENEZUELA	1960	MF	26477	2201	2157	839	4034	3574	446	4648	5145	1121	312
		F	8220	1220	1233	365	1283	1436	140	269	2136	64	43
	1964	MF	41372	2831	4479	1223	6483	7944	1670	5785	7725	2655	577
		F	13770	1638	2410	559	2278	2311	606	305	3359	241	57
	1966	MF	53790	3589	7164	1655	6766	11823	1578	7320	9079	3210	1606
	1967	MF	58767	3255	7836	1704	6520	13987	2330	8181	9632	3435	1867

#### NOTES

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|---|--|
| 1. Social sciences and law are counted together.  | 1. Les sciences sociales et le droit sont classés ensemble.  |
| 2. Students enrolled either in first year courses or in preparatory courses are included under "not specified". | 2. Sous la rubrique "non spécifié" sont classés les étudiants inscrits en première année ou en année préparatoire. |
| 3. Education is included with humanities.   | 3. L'éducation est classée avec les lettres.   |
| 4. Natural sciences are included with humanities.   | 4. Les sciences exactes et naturelles sont classées avec les lettres.  |

Table/Tableau 3.3 Distribution of graduates by field of study  
Répartition des diplômes par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ARGENTINA	1960	MF	4751	373	482	529	1337	813	576	2036	3192	393	-
		F	2843	261	436	301	309	242	270	27	954	43	-
	1965	MF	15509	3945	1111	722	1861	1301	802	1473	4914	291	-
		F	7749	3391	1111	349	617	581	503	37	2244	27	-
	1966	MF	16194	1107	3196	802	2133	1456	459	1563	5187	289	-
		F	8243	959	2868	449	686	581	186	26	2457	31	-
	1967	MF	18319	1654	3609	872	2418	2126	656	1850	4801	333	-
		F	8839	1391	3242	377	726	777	300	33	1962	31	-
	1968	MF	19356	1728	3684	986	2793	2443	578	2031	4909	402	-
		F	9547	1399	3376	429	849	958	239	47	2018	32	-
	1970	MF	23991	1934	4792	1019	3204	3333	617	2486	5884	722	-
		F	11970	1675	4352	470	993	1365	343	89	2619	62	-
BOLIVIA	1962	MF	326	3	-	4	78	31	-	61	143	24	-
		F	62	1	-	-	3	1	-	-	55	2	-
	1965	MF	695	7	28	7	93	173	-	69	243	48	25
		F	168	2	20	3	5	68	-	1	67	2	-
	1966	MF	656	2	-	12	135	142	-	216	244	52	33
		F	191	-	-	12	13	42	-	40	81	1	2
	1967	MF	526	1	10	31	84	88	-	65	224	23	-
		F	122	-	6	10	6	24	-	4	72	-	-
	1968	MF	588	3	13	14	97	137	-	108	191	25	-
		F	175	2	10	3	13	64	-	13	70	-	-
BRAZIL	1960	MF	17577	2589	1930	903	3332	2099	697	1601	3952	474	-
		F	6480	1852	1514	563	384	754	317	23	1060	13	-
	1964	MF	20282	2409	1525	776	4170	3870	835	2306	3656	735	-
		F	6890	1762	1242	463	693	1329	350	43	973	31	-
	1967	MF	31188	3700	2347	725	5583	6158	1360	4541	5180	1596	-
		F	36963	4839	2880	960	6546	7314	1667	5175	5931	1651	-
	1969	MF	45860	6362	3833	1669	6437	8702	2636	6674	7339	2008	-
	1970	MF	64049	11337	6432	1667	9073	13545	4357	7487	8225	1924	-
		F	26593	8379	5057	1054	1954	4534	2098	206	2875	236	-
CHILE	1960	MF	2163	147	544	72	215	173	13	301	609	89	-
		F	890	122	330	18	33	95	5	2	277	4	-
	1965	MF	2928	35	1154	83	204	265	55	346	391	195	-
		F	1360	17	816	18	40	119	14	3	313	20	-
	1966	MF	4731	54	2152	115	225	441	83	530	894	237	-
		F	2460	39	1506	40	65	222	29	9	534	16	-
	1967	MF	4783	93	1930	153	208	737	79	479	822	282	-
		F	2323	51	1329	50	29	329	22	26	466	21	-
	1968	MF	6013	91	2537	150	273	765	53	681	1122	341	-
		F	3155	60	1828	55	54	384	15	27	713	21	-
	1969	MF	5971	129	2220	163	231	931	121	922	930	324	-
		F	2898	90	1465	72	48	518	43	28	599	35	-
	1970	MF	8255	151	2456	208	356	1453	189	1840	1209	393	-
		F	3661	119	1661	99	88	775	63	45	779	40	-
COLOMBIA	1960	MF	1907	98	25	164	312	147	171	269	635	86	-
		F	516	54	22	103	13	96	130	1	94	3	-
	1965	MF	3257	281	181	441	262	416	269	312	697	198	-
		F	1068	81	95	223	29	225	134	26	247	8	-
	1966	MF	3699	275	399	190	392	366	234	721	920	202	-
		F	914	56	220	41	59	114	140	12	268	4	-
	1967	MF	4245	227	605	303	481	561	365	697	865	141	-
		F	4107	224	557	118	571	595	328	916	610	135	93
	1968	MF	5454	198	847	211	382	641	336	1147	939	637	96
		F											



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ECUADOR	1960	MF	482	-	67	5	76	19	43	40	194	36	-
		F	171	-	43	-	1	15	31	7	72	-	-
	1965	MF	955	-	239	78	65	77	55	128	245	48	-
		F	249	-	111	-	2	47	32	1	56	-	-
	1966	MF	954	-	245	30	104	57	31	163	259	65	-
		F	263	-	121	-	3	38	19	-	81	1	-
	1967	MF	1153	15	197	16	102	111	68	177	341	106	-
		F	312	9	89	-	3	68	49	1	91	2	-
	1969	MF	1961	62	593	119	178	166	46	234	444	119	-
		F	526	21	257	27	21	70	24	7	98	1	-
	1970	MF	2400	106	735	92	360	211	44	315	295	242	-
		F	624	50	315	4	19	99	31	-	99	7	-
GUYANA	1966	MF	51	12	-	-	-	17	2	-	-	-	-
		F	5	4	-	-	-	1	-	-	-	-	-
	1967	MF	49	17	-	-	-	22	7	-	3	-	-
		F	7	3	-	-	-	1	1	-	2	-	-
	1968	MF	113	32	26	-	-	30	15	-	10	-	-
		F	21	6	7	-	-	1	4	-	3	-	-
	1969	MF	96	38	22	-	-	26	6	-	4	-	-
		F	26	10	7	-	-	4	1	-	4	-	-
	1970	MF	160	49	25	-	-	27	17	34	8	-	-
		F	27	14	5	-	-	1	5	-	4	-	-
PARAGUAY <sup>1</sup>	1960	MF	239	22	...	-	30	45	30	2	66	44	-
		F	85	...	...	14	64	99	65	6	67	31	-
	1965	MF	431	142	...	24	89	64	72	12	70	32	-
		F	305	...	...	22	84	126	80	16	69	44	31
	1967	MF	705	233	...	...	...	...	...	...	...	...	41
		F	767	248	...	10	108	145	86	5	68	56	47
	1969	MF	782	264	...	19	102	116	85	15	73	61	30
	1970	MF	756	265	...	20	81	99	80	15	75	71	-
PERU <sup>3</sup>	1971	MF	5796	45	2386	39	566	696	136	728	774	424	-
		F	1754	8	1145	5	61	117	35	46	335	4	-
URUGUAY	1960	MF	507	20	-	34	134	49	-	43	180	47	-
	1965	MF	769	17	-	45	112	46	-	41	431	77	-
VENEZUELA	1969	MF	2851	144	265	38	385	756	31	312	831	71	-
		F	704	92	11	14	106	162	6	15	295	5	-
	1966	MF	3316	268	565	41	649	568	45	445	768	169	-
		F	4927	420	922	124	575	826	71	664	1041	286	-
	1969	F	1939	310	535	45	217	321	34	25	429	23	-

# NOTES

1. Education is included with humanities.

2. Not including postgraduate university degrees: 1,151 in 1969.

3. Not including higher teacher training.

1. L'éducation est classée avec les lettres.

2. Non compris les grades universitaires supérieurs (postgraduates): 1,151 en 1969.

3. Non compris l'enseignement normal supérieur.

**Table/Tableau 3.4 Distribution of graduates by level of degree or diploma**  
**Répartition des diplômés selon le niveau du diplôme obtenu**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
 B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
BOLIVIA	1962	=	320	=	=	62	=
	1965	=	695	=	=	168	=
	1966	=	836	=	=	191	=
	1967	=	526	=	=	122	=
	1968	=	588	=	=	175	=
BRAZIL	1960	=	10843	736	=	6121	359
	1966	=	20282	111	=	6890	111
	1967	=	30108	1080	=	111	111
	1968	=	35947	1016	=	111	111
	1969	=	44709	1151	=	111	111
	1970	=	64049	111	=	26393	111
CHILE	1960	=	2124	39	=	886	2
	1965	=	2809	119	=	1275	85
	1966	=	4626	105	=	2405	55
	1967	=	4650	133	=	2245	78
	1968	=	5876	137	=	3071	84
	1969	=	5775	196	=	2793	105
	1970	=	8049	208	=	3547	114
COLOMBIA	1965	388	2869	=	352	716	=
	1966	245	3454	=	112	802	=
	1967	421	3661	163	188	923	49
	1968	610	3398	99	200	963	21
	1969	851	4303	300	111	111	111
ECUADOR	1960	56	421	5	56	112	3
	1965	67	865	3	64	184	1
	1966	83	862	9	70	192	1
	1967	107	1023	3	90	222	=
	1969	74	1865	18	67	456	3
	1970	132	2242	26	69	539	16
GUYANA	1966	=	31	=	=	5	=
	1967	14	35	=	2	5	=
	1968	17	70	26	3	11	7
	1969	11	63	22	6	13	7
	1970	44	91	23	4	18	5
URUGUAY	1960	99	408	=			
	1965	218	551	=			
VENEZUELA	1961	=	2831	=	=	704	=
	1966	=	3491	25	=	111	111
	1969	=	4927	=	=	1939	=

**Table/Tableau 3.5 Distribution of graduates by level of degree or diploma and by field of study**  
**Répartition des diplômés selon le niveau du diplôme obtenu et par branches d'études**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire

B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents

C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex	Level	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
BOLIVIA	1962	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	326	3	—	6	78	31	—	61	145	24	—
			C	—	—	—	—	—	—	—	—	—	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	62	1	—	—	3	1	—	—	55	2	—
			C	—	—	—	—	—	—	—	—	—	—	—
	1965	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	695	7	28	7	95	173	—	69	243	48	25
			C	—	—	—	—	—	—	—	—	—	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	168	2	20	3	5	68	—	1	67	2	—
			C	—	—	—	—	—	—	—	—	—	—	—
	1968	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	568	3	13	14	97	137	—	108	191	25	—
			C	—	—	—	—	—	—	—	—	—	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	175	2	10	3	13	64	—	13	70	—	—
			C	—	—	—	—	—	—	—	—	—	—	—
BRAZIL	1960	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	16843	2582	1644	877	3274	2057	697	1551	3687	474	—
			C	756	7	280	20	58	42	—	50	265	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	6121	1845	1332	540	375	754	317	23	916	13	—
			C	559	7	184	17	9	—	—	—	144	—	—
	1964	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	20282	2409	1525	770	4170	3870	835	2306	3656	735	—
			C	—	—	—	—	—	—	—	—	—	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	6690	1762	1242	463	695	1329	350	45	973	31	—
			C	—	—	—	—	—	—	—	—	—	—	—
	1969	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	46709	6327	3644	1585	6363	8650	2636	6658	7001	1845	—
			C	1151	35	189	84	74	52	—	16	538	163	—
	1970	MF	A	—	—	—	—	—	—	—	—	—	—	—
			B	64049	11337	6434	1667	9075	13545	4337	7487	8225	1924	—
			C	—	—	—	—	—	—	—	—	—	—	—
		F	A	—	—	—	—	—	—	—	—	—	—	—
			B	26593	8379	5057	1054	1954	4534	2098	206	2875	256	—
			C	—	—	—	—	—	—	—	—	—	—	—



Country	Year	Sex/ Sexe	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sex/ Sexe		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
CHILE	1960 MF	A	"	"	"	"	"	"	"	"	"	"	"
		B	2124	147	530	72	215	173	14	301	579	89	"
		C	39	"	8	"	"	"	1	"	30	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"
		B	888	122	335	18	33	95	5	2	276	4	"
		C	2	"	1	"	"	"	"	"	1	"	"
	1965 MF	A	"	"	"	"	"	"	"	"	"	"	"
		B	2009	35	1129	83	204	265	55	346	497	195	"
		C	119	"	25	"	"	"	"	"	94	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"
		B	1275	17	800	18	40	119	14	3	244	20	"
		C	85	"	16	"	"	"	"	"	69	"	"
	1970 MF	A	"	"	"	"	"	"	"	"	"	"	"
		B	8049	151	2306	208	356	1450	189	1840	1156	393	"
		C	206	"	150	"	"	3	"	"	53	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"
		B	3547	111	1576	99	88	775	63	45	750	40	"
		C	114	"	85	"	"	"	"	"	29	"	"
COLOMBIA	1965 MF	A	388	45	"	119	"	121	"	24	79	"	"
		B	2669	236	181	322	262	295	269	488	618	198	"
		C	"	"	"	"	"	"	"	"	"	"	"
	F	A	552	40	"	108	"	121	"	4	79	"	"
		B	718	41	95	115	29	104	134	22	168	8	"
		C	"	"	"	"	"	"	"	"	"	"	"
	1969 MF	A	651	10	82	91	"	174	101	185	110	19	79
		B	4503	188	699	120	382	463	235	801	760	638	17
		C	500	"	60	"	"	4	"	161	69	"	"
ECUADOR	1960 MF	A	56	"	"	"	"	14	"	"	42	"	"
		B	421	"	62	5	76	5	45	40	152	36	"
		C	5	"	5	"	"	"	"	"	"	"	"
	F	A	56	"	"	"	"	14	"	"	42	"	"
		B	112	"	42	"	1	1	31	7	30	"	"
		C	3	"	5	"	"	"	"	"	"	"	"
	1965 MF	A	67	"	"	"	"	46	"	"	21	"	"
		B	865	"	237	78	64	31	55	128	224	48	"
		C	5	"	2	"	1	"	"	"	"	"	"
	F	A	64	"	"	"	"	43	"	"	21	"	"
		B	184	"	110	"	2	4	32	1	35	"	"
		C	1	"	1	"	"	"	"	"	"	"	"
	1970 MF	A	132	2	"	17	"	36	"	36	41	"	"
		B	2242	104	712	75	357	175	44	279	256	242	"
		C	26	"	25	"	3	"	"	"	"	"	"
	F	A	69	2	"	"	"	29	"	"	38	"	"
		B	559	48	299	4	19	70	31	"	61	7	"
		C	16	"	10	"	"	"	"	"	"	"	"

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
GUYANA	1966	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	51	12	"	"	"	17	2	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	"	"	"	"	"	"	"	"	"	"	"
			B	5	4	"	"	"	1	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1970	MF	A	44	"	"	"	"	2	"	34	8	"	"
			B	91	49	"	"	"	25	17	"	"	"	"
			C	25	"	25	"	"	"	"	"	"	"	"
		F	A	4	"	"	"	"	"	"	"	4	"	"
			B	18	14	"	"	"	1	5	"	"	"	"
			C	5	"	5	"	"	"	"	"	"	"	"
URUGUAY	1960	MF	A	40	17	"	"	"	"	"	5	59	18	"
			B	608	3	"	34	134	49	"	38	121	29	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1963	MF	A	218	14	"	"	"	2	"	6	178	18	"
			B	551	3	"	43	112	44	"	35	253	59	"
			C	"	"	"	"	"	"	"	"	"	"	"
VENEZUELA	1961	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	2851	144	263	38	385	756	31	312	831	71	"
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	"	"	"	"	"	"	"	"	"	"	"
			B	704	92	11	12	106	162	6	15	295	5	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1966	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	3491	268	563	41	649	543	45	445	768	169	"
			C	25	"	"	"	"	25	"	"	"	"	"
	1969	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	4927	420	924	124	575	826	71	664	1041	286	"
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	"	"	"	"	"	"	"	"	"	"	"
			B	1939	310	535	45	217	321	34	25	429	23	"
			C	"	"	"	"	"	"	"	"	"	"	"

## 4. ASIA/ASIE

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## NOTE

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following list.

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après :

Afghanistan	Afghanistan	Indonésie	Indonesia	Liban	Lebanon	Syrie	Syria
Arabie saoudite	Saudi Arabia	Irak	Iraq	Malaisie	Malaysia	Thaïlande	Thailand
Bahrein	Bahrain	Iran	Iran	Malaisie occidentale	West Malaysia	Turquie	Turkey
Bangladesh	Bangladesh	Israël	Israel	Sarawak	Sarawak	République du Viêt-nam	Viet-Nam, Republic of
Birmanie	Burma	Japon	Japan	Mongolie	Mongolia	République	Yemen, Republic of
Chypre	Cyprus	Jordanie	Jordan	Népal	Nepal	démocratique populaire	People's Democratic
République de Corée	Republic of Korea	République khmère	Khmer Republic	Pakistan	Pakistan	du Yémen	Republic of
Hong Kong	Hong-kong	Koweït	Kuwait	Philippines	Philippines		
Inde	India	Laos	Laos	Singapour	Singapour		
				Sri Lanka	Sri Lanka		



Table/Tableau 4.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country Pays		Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
AFGHANISTAN	TEACHERS	1960	234	...	234	...	...	...	...	...
		1965	513	...	474	...	20	...	19	...
		1966	557	...	516	...	25	...	16	...
		1969	881	39	802	35	62	2	17	2
		1970	793	44	724	41	55	4	14	1
	STUDENTS	1960	1679	157	1679	157	...	...	...	...
		1965	3451	646	3249	646	106	...	96	...
		1966	3426	656	3224	628	124	19	78	9
		1967	4320	747	4013	694	204	42	103	11
		1968	5242	800	4945	754	194	35	103	11
		1969	5680	857	5124	695	415	154	141	8
		1970	7302	1081	6215	876	913	195	174	10
BAHRAIN	TEACHERS	1966	21	...	...	...	21	...	...	...
		1967	34	12	...	...	34	12	...	...
		1968	24	12	...	...	24	12	...	...
		1969	30	12	...	...	30	12	...	...
		1970	32	12	...	...	32	12	...	...
	STUDENTS	1966	26	...	...	...	26	...	...	...
		1967	107	40	...	...	107	40	...	...
		1968	191	96	...	...	191	96	...	...
		1969	234	124	...	...	234	124	...	...
		1970	289	151	...	...	289	151	...	...
BANGLADESH	TEACHERS	1970	7201	581	7079	552	122	29	...	...
	STUDENTS	1970	11603	11453	116024	11031	1579	422	...	...
BURMA	TEACHERS	1965	1829	...	...	...	...	...	...	...
		1966	1915	...	...	...	...	...	...	...
		1967	2014	...	...	...	...	...	...	...
		1968	2308	...	...	...	...	...	...	...
		1969	2310	...	...	...	...	...	...	...
	STUDENTS	1961	19855	...	...	...	...	...	...	...
		1965	26055	...	...	...	...	...	...	...
		1966	30454	...	...	...	...	...	...	...
		1967	35663	...	...	...	...	...	...	...
		1968	40197	...	...	...	...	...	...	...
		1969	45891	17195	...	...	...	...	...	...
CYPRUS	TEACHERS	1960	35	7	...	...	35	7	...	...
		1966	24	5	...	...	13	1	11	4
		1967	27	6	...	...	16	3	11	3
		1968	34	8	...	...	17	2	17	4
		1969	48	9	...	...	20	4	28	5
		1970	64	14	...	...	21	4	43	10
	STUDENTS	1960	417	110	...	...	417	110	...	...
		1965	288	119	...	...	96	33	192	86
		1966	353	235	...	...	91	42	262	193
		1967	339	206	...	...	154	89	185	117
		1968	446	226	...	...	173	111	273	115
		1969	580	281	...	...	210	119	370	162
		1970	698	306	...	...	279	154	419	152
HONG KONG	TEACHERS	1960	720	130	241	56	93	34	386	40
		1965	1127	225	451	95	236	98	440	32
		1966	1241	256	623	130	236	95	382	31
		1967	1291	262	643	133	228	83	420	46
		1968	1737	341	914	206	237	95	586	40
		1969	1992	305	732	123	123	50	1137	132
		1970	1677	252	710	109	122	52	845	91

Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
HONG KONG	STUDENTS	1960	8498	3428	1495	402	2554	1492	4449	1534
		1965	10684	4173	4102	1460	2107	1438	4475	1275
		1966	11343	4338	4333	1551	2143	1452	4867	1335
		1967	11230	4280	4544	1599	2068	1402	4618	1279
		1968	14150	5326	4890	1640	2065	1430	7195	2256
		1969	19874	6193	5286	1762	2095	1421	12493	3010
		1970	25516	7608	5610	1842	1870	1287	18036	4479
INDIA	STUDENTS	1960	644904	109091						
		1965	1054273	224200						
		1966	1217819	265791						
		1967	1402477	311348						
		1968	*1600000	*301600						
		1969	1792700	*412300						
		1970	2009134	*472000						
INDONESIA	STUDENTS	1959	48204	9252						
		1965	*140000	*34500						
		1967	192416	47880						
		1970	236892	*59000						
		1971	*251870	*63360	*175500	*48500	*10070	*4070	*66300	*16790
IRAN <sup>1</sup>	TEACHERS	1965	2486	236	2463	235	23	1	...	...
		1966	2772	282	2704	270	68	12	...	...
		1967	3382	307	2688	139	87	15	607	153
		1968	3365	...	2120	96	118	...	1127	...
		1969	6103	673	3635	368	307	32	2161	273
		1970	6474	797	3828	424	278	23	2368	350
	STUDENTS	1960	19815	...					...	...
		1965	29683	7039	28621	6894	1062	143	...	...
		1966	36742	8841	35566	8571	1176	270	...	...
		1967	58774	13475	36405	7977	2709	777	19660	5221
		1968	58194	15070	34526	7383	2977	854	20691	6833
		1969	67268	16949	39444	8391	6967	1280	20857	7278
		1970	74708	19027	41900	9520	6516	1308	26292	8199
IRAQ	TEACHERS	1960	1122	171	1122	171	-	-	-	-
		1965	1453	253	1455	253	-	-	-	-
		1966	1567	282	1567	282	-	-	-	-
		1967	1654	325	1654	325	-	-	-	-
		1968	1879	295	1879	295	-	-	-	-
		1969	1783	146	1783	146	-	-	-	-
		1970	1822	155	1822	155	-	-	-	-
	STUDENTS	1960	12260	2764	12260	2764	-	-	-	-
		1965	28377	7625	28377	7625	-	-	-	-
		1966	32362	8337	32362	8337	-	-	-	-
		1967	35331	8308	35331	8308	-	-	-	-
		1968	41189	9877	41189	9877	-	-	-	-
		1969	37290	8321	37290	8321	-	-	-	-
		1970	42431	9439	42431	9439	-	-	-	-
	TEACHERS	1960	2398	...	1602	...	796	312	...	...
		1965	4269	...	2994	...	1275	538	...	...
		1966	5227	...	3840	...	1387	618	...	...
		1967	5828	...	4499	...	1329	592	...	...
		1968	6307	...	5063	...	1244	560	...	...
		1969	6840	...	5772	...	1068	...	...	...
		1970	7428	...	6783	...	1145	...	...	...
ISRAEL	STUDENTS	1960	15595	5668	10836	3214	2970	2454	1789	...
		1965	35878	13800	21756	8372	6394	5428	7728	...
		1966	39126	16793	25341	10294	7674	6499	5911	...
		1967	41912	18691	28520	12055	7818	6636	5574	...
		1968	44758	19451	32389	14028	6362	5423	6007	...
		1969	49076	21097	37343	16447	5453	*4650	6280	...
		1970	52136	21990	40087	17340	5449	*4650	*6600	...
	TEACHERS									

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
JAPAN <sup>2</sup>	TEACHERS	1960	75003	6453	61347	3371	-	13656	3082
		1965	104775	10876	83622	5625	-	21153	5251
		1966	118966	13239	93633	6729	-	25333	6510
		1967	131131	15269	101650	9417	-	29481	7852
		1968	141117	16885	109702	8253	-	31415	8630
		1969	146443	18045	111472	8888	-	32271	9157
		1970	151927	18878	118971	9250	-	32956	9628
	STUDENTS	1960	789755	104151	701033	109617	-	88722	58534
		1965	1184343	290281	1017052	175851	-	165291	114430
		1966	1339689	359746	1131052	204730	-	208637	155016
		1967	1507765	430258	1251703	234695	-	256062	195563
		1968	1658223	479900	1373465	264383	-	284758	215517
		1969	1769798	504547	1459696	280744	-	310102	223803
		1970	1819323	512759	1505286	287823	-	316037	224936
	TEACHERS	1960	80	30	-	-	...	...	...
		1965	200	...	75	-	94	29	31
		1966	395	76	124	7	130	46	101
		1967	308	54	159	10	65	19	84
		1968	329	55	160	10	88	21	81
		1969	368	60	188	7	92	28	88
		1970	204	45	98	6	76	22	30
	STUDENTS	1960	982	237	-	-	891	237	91
		1965	3192	1026	1169	470	1437	462	586
		1966	4409	1197	1830	410	1781	556	798
		1967	5420	919	2292	543	773	228	355
		1968	4077	1046	2717	655	1037	252	323
		1969	4463	1177	2820	730	1311	319	332
		1970	4518	1349	2913	859	1282	317	323
KHMER REPUBLIC	TEACHERS	1962	156	...	156	...	-	-	-
		1971	1263	...	1263	...	-	-	-
	STUDENTS	1962	4371	706	2571	706	-	-	-
		1965	5904	...	5904	...	-	-	-
		1966	5894	...	5894	...	-	-	-
		1967	7452	...	7452	...	-	-	-
		1968	8525	...	8525	...	-	-	-
		1969	8145	...	8145	...	-	-	-
		1970	9228	...	9228	...	-	-	-
		1971	10425	2215	10425	2215	-	-	-
	TEACHERS	1960	4055	...	3633	...	252	...	170
		1965	6966	818	5670	604	305	20	1191
		1966	7814	...	6078	...	397	25	1339
		1967	7845	1027	6045	742	452	30	1348
		1968	8898	1110	6764	795	477	35	1657
		1969	9704	1172	7447	844	533	32	1724
		1970	10435	1350	7944	985	660	41	1831
	STUDENTS	1960	98798	10667	92930	14944	2646	1553	3222
		1965	131777	27959	107929	20044	3825	1294	20023
		1966	141636	35361	109485	24062	5920	2491	26231
		1967	175349	42237	136054	30129	8077	2908	31218
		1968	170941	42853	128909	29994	8818	3318	33214
		1969	172410	44086	129151	29931	9602	4522	33657
		1970	186675	45580	139085	30609	11038	5687	36552
KOREA, REP. OF	TEACHERS	1960	4055	...	3633	...	252	...	170
		1965	6966	818	5670	604	305	20	1191
		1966	7814	...	6078	...	397	25	1339
		1967	7845	1027	6045	742	452	30	1348
		1968	8898	1110	6764	795	477	35	1657
		1969	9704	1172	7447	844	533	32	1724
		1970	10435	1350	7944	985	660	41	1831
	STUDENTS	1960	98798	10667	92930	14944	2646	1553	3222
		1965	131777	27959	107929	20044	3825	1294	20023
		1966	141636	35361	109485	24062	5920	2491	26231
		1967	175349	42237	136054	30129	8077	2908	31218
		1968	170941	42853	128909	29994	8818	3318	33214
		1969	172410	44086	129151	29931	9602	4522	33657
		1970	186675	45580	139085	30609	11038	5687	36552
	TEACHERS	1966	49	8	49	8	-	-	-
		1967	71	10	71	10	-	-	-
		1968	141	14	119	11	22	5	-
		1969	204	19	158	13	46	6	-
		1970	244	28	189	15	55	13	-
KUWAIT	TEACHERS	1966	49	8	49	8	-	-	-
		1967	71	10	71	10	-	-	-
		1968	141	14	119	11	22	5	-
		1969	204	19	158	13	46	6	-
		1970	244	28	189	15	55	13	-
	STUDENTS	1966	49	8	49	8	-	-	-
		1967	71	10	71	10	-	-	-
		1968	141	14	119	11	22	5	-
		1969	204	19	158	13	46	6	-
		1970	244	28	189	15	55	13	-
	TEACHERS	1966	49	8	49	8	-	-	-
		1967	71	10	71	10	-	-	-
		1968	141	14	119	11	22	5	-
		1969	204	19	158	13	46	6	-
		1970	244	28	189	15	55	13	-
	STUDENTS	1966	49	8	49	8	-	-	-
		1967	71	10	71	10	-	-	-
		1968	141	14	119	11	22	5	-
		1969	204	19	158	13	46	6	-
		1970	244	28	189	15	55	13	-

Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
KUWAIT	STUDENTS	1966	418	176	418	176	-	-	-	-
		1967	886	416	886	416	-	-	-	-
		1968	1619	733	1477	662	142	71	-	-
		1969	2314	1064	1963	899	351	163	-	-
		1970	2686	1300	2225	1078	461	222	-	-
LAOS	TEACHERS	1960	6	...	-	-	-	-	6	...
		1965	18	1	-	-	...	...	18	1
		1970	21	3	-	-	...	...	21	3
	STUDENTS	1960	113	14	-	-	-	-	113	14
		1965	161	26	-	-	*15	*2	146	24
		1966	233	37	-	-	19	2	216	35
		1967	360	62	-	-	38	3	322	59
		1968	407	78	-	-	31	7	376	71
		1969	420	87	-	-	42	11	378	76
		1970	424	82	-	-	57	23	367	59
LEBANON	TEACHERS	1962	1331	167	1331	167	-	-	-	-
		1965	1434	...	1434	...	-	-	-	-
		1967	1266	177	1266	177	-	-	-	-
		1968	1697	248	1697	248	-	-	-	-
		1969	1918	260	1918	260	-	-	-	-
		1970	*2300	...	*2300	...	-	-	-	-
	STUDENTS	1962	10233	2391	10233	2391	-	-	-	-
		1965	20338	3685	20338	3685	-	-	-	-
		1966	23673	4944	23673	4944	-	-	-	-
		1967	29136	6438	29136	6438	-	-	-	-
		1968	33587	7208	33587	7208	-	-	-	-
1969		38519	8909	38519	8909	-	-	-	-	
1970	42578	*10000	42578	*10000	-	-	-	-		
MALAYSIA SARAWAK	STUDENTS	1962	133	50	-	-	133	50	-	-
		1965	146	57	-	-	146	57	-	-
		1967	227	80	-	-	227	80	-	-
		1968	291	114	-	-	291	114	-	-
		1969	367	146	-	-	367	146	-	-
		1970	430	138	-	-	430	138	-	-
WEST MALAYSIA	TEACHERS	1960	534	108	142	17	357	89	35	2
		1965	1400	266	251	30	1059	229	90	7
		1966	1689	*339	352	42	1232	291	85	6
		1967	1650	*373	407	*50	1142	314	101	9
		1968	1160	*170	688	*85	398	82	74	3
		1969	1129	290	476	65	378	96	275	129
		1970	1213	225	561	69	306	64	346	92
	STUDENTS	1960	8071	*2770	654	149	6870	*2600	547	*21
		1965	12704	4345	2835	766	9114	3551	755	48
		1966	14834	5102	3603	939	10264	4105	967	58
		1967	15688	5627	4560	1203	9939	4341	1189	83
		1968	13045	4258	5566	1567	6010	2586	1469	125
		1969	13017	4439	6726	1925	2687	1054	5604	1460
		1970	16956	5007	8230	2410	2927	1226	5799	1371
MONGOLIA	STUDENTS	1960	6900	...	2049	...	1663	...	4299	...
		1965	8011	...	2248	...	1566	...	3876	...
		1966	7690	...	3130	...	1449	...	2819	...
		1967	7398	...	3102	...	1591	...	2342	...
		1968	7035	...	3030	...	1794	...	2402	...
		1969	7226	...	2845	...	1698	...	2331	...
		1970	6874	...						
NEPAL	TEACHERS	1960	292	...	292	...	-	-	-	-
		1965	600	45	600	45	-	-	-	-
		1966	751	59	751	59	-	-	-	-
		1969	1018	70	1018	70	-	-	-	-



Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
		Année		Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
Pays		MF	F	MF	F	MF	F	MF	F
NEPAL	STUDENTS	1960	4633	4633	4633	-	-	-	-
		1965	8100	8100	8100	-	-	-	-
		1966	10235	1765	10235	-	-	-	-
		1969	17025	3103	17025	-	-	-	-
PAKISTAN	TEACHERS	1970	8556	1919	8376	180	6	-	-
	STUDENTS	1970	221681	41849	218530	3151	1048	-	-
PHILIPPINES	TEACHERS	1960	11758	5228					
		1965	22880	10324					
		1966	23005	10871					
		1967	25325	12047					
		1968	27733	13286					
		1969	29694	14415					
	STUDENTS	1960	300811	154722					
SAUDI ARABIA		1965	527841	264178					
		1966	553240	299440					
		1967	600787	348562					
		1968	627106	347163					
		1969	634835	348929					
	TEACHERS	1960	119	119					
		1965	278	278					
SINGAPORE		1966	377	377					
		1967	416	416					
		1968	418	418	16				
		1969	573	573	17				
		1970	697	697	45				
	STUDENTS	1960	1306	1306					
		1965	3625	3625	118				
SRI LANKA		1966	3825	3825	114				
		1967	4861	4861	189				
		1968	5419	5419	294				
		1969	6942	6942	434				
		1970	8492	8492	691				
	TEACHERS	1961	565	313	41	82	25	170	9
		1965	875	372	53	200	57	303	17
SRI LANKA		1966	982	465	55	207	64	310	29
		1967	933	441	55	203	69	289	25
		1968	982	489	65	201	63	292	20
		1969	1074	636	88	198	63	240	12
		1970	1157	703	124	168	51	286	11
	STUDENTS	1961	8880	3637	846	2499	1153	2744	67
		1965	13807	4996	1402	3603	3248	3208	319
SRI LANKA		1966	15184	4863	1469	4827	2825	3494	356
		1967	15005	5033	1588	4609	2768	3365	253
		1968	12447	5705	1855	3015	1852	3727	232
		1969	12659	6598	2044	2276	1353	3785	273
		1970	13771	6889	2398	2097	1356	4785	413
	TEACHERS	1960	434	434	12	-	-	-	-
		1965	549	549	12	-	-	-	-
SRI LANKA		1966	756	756	111	-	-	-	-
		1967	811	811	111	-	-	-	-
		1968	924	924	111	-	-	-	-
		1969	1033	1033	111	-	-	-	-
		1970	1487	1487	223	-	-	-	-

Country Pays	Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
SRI LANKA	STUDENTS	1960	4723	1136	4723	1136	"	"	"
		1965	14367	4579	14367	4579	"	"	"
		1966	14422	5329	14422	5329	"	"	"
		1967	14287	5759	14287	5759	"	"	"
		1968	12686	5407	12686	5407	"	"	"
		1969	11850	5024	11859	5024	"	"	"
		1970	14325	5334	12325	5334	"	"	"
SYRIA	TEACHERS	1965	839	839	839	"	"	"	"
		1966	857	35	857	35	"	"	"
		1967	941	55	941	55	"	"	"
		1968	1116	77	1116	77	"	"	"
		1969	1056	72	1056	72	"	"	"
		1970	1192	71	1132	71	"	60	"
	STUDENTS	1960	14370	2473	14370	2473	"	"	"
		1965	32653	5486	32653	5486	"	"	"
		1966	32127	5416	32127	5416	"	"	"
		1967	33027	5727	33027	5727	"	"	"
		1968	35005	5932	35005	5932	"	"	"
		1969	37540	6481	37540	6481	"	"	"
		1970	40537	7335	39692	7237	"	845	98
	TEACHERS	1960	3022	1036	2372	789	444	195	206
		1966	3949	1453					
		1967	4692	1700					
		1968	5470	1979	4340	1677	364	206	766
		1969	5904	2246	5116	1888	542	320	246
		1970	7506	2866	6532	2458	655	365	319
	STUDENTS	1960	45548	13816	36033	10439	4672	2426	4843
		1965	36403	14236					
		1966	32666	13254					
		1967	38204	15531					
		1968	41848	17566	52733	14607	5600	2721	3515
		1969	45763	19258	59623	16893	4469	2326	1671
		1970	55515	23136	43028	17977	10784	5124	1503
TURKEY	TEACHERS	1960	4071	771	2807	558	382	114	882
		1965	5806	1376	4033	926	"	"	1773
		1966	6200	1366	4377	912	"	"	1823
		1967	6726	1563	4857	1129	286	77	1583
		1968	7627	1737	5132	1167	263	76	2232
		1969	9786	2405	6067	1444	530	165	3199
		1970	9229	2098	6382	1454	624	241	2223
	STUDENTS	1960	65297	13007	44461	10070	3893	1343	16943
		1965	97331	20382	55583	13641	"	"	41748
		1966	111791	23478	60023	14874	"	"	51768
		1967	125647	24515	63235	14906	5243	1943	57169
		1968	145279	26787	67764	15291	5244	1954	70271
		1969	160534	29803	75522	16226	6011	2329	78801
		1970	169793	32034	76739	16079	8781	3316	86273
	TEACHERS	1960	780	37	498	36	"	"	282
		1965	952	54	744	53	"	"	208
		1966	991	125	807	93	"	"	184
		1967	960	105	790	90	"	"	170
		1968	1265	150	989	136	"	"	276
		1969	1422	181	1094	155	"	"	328
		1971	"	"	1017	189	"	"	"
VIETNAM, REP. OF	TEACHERS	1960	780	37	498	36	"	"	282
		1965	952	54	744	53	"	"	208
		1966	991	125	807	93	"	"	184
		1967	960	105	790	90	"	"	170
		1968	1265	150	989	136	"	"	276
		1969	1422	181	1094	155	"	"	328
		1971	"	"	1017	189	"	"	"

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
VIET-NAM, REP. OF	STUDENTS	1960	12443	2130	11429	2072	-	1014	58
		1965	28410	8834	26441	6531	-	1969	303
		1966	32642	8127	30908	7992	-	1734	135
		1967	34726	9311	33181	9171	-	1545	140
		1968	39558	10547	37887	10406	-	1671	141
		1969	48126	13981	46328	13791	-	1798	190
		1971	57574	17018	53382	16857	-	4192	161
YEMEN, PEOPLE'S DEM. REP. OF	TEACHERS	1970	42	4	-	-	42	4	-
	STUDENTS	1970	91	25	-	-	91	25	-

#### NOTES

- From 1967 the numbers given include a certain number of non-university institutions which were not previously counted in statistics of higher education; therefore data for 1960-1966 are not strictly comparable with the 1967-1970 data.
- Including correspondence courses: 134,000 students in 1970.
- From 1967 data refer to the east bank only.
- Full-time teaching staff only.
- From 1960 to 1969 data refer to full-time teaching staff only.
- Important organizational changes took place in 1966: the old system of part-time studies (extra mural courses) was gradually discontinued until it disappeared in 1967; therefore the figures for the period 1966-1970 are not strictly comparable with those for previous years.
- Data referring to non-university teacher training are included with other non-university institutions.
- A partir de 1967 les chiffres tiennent compte d'un certain nombre d'établissements non universitaires qui n'étaient pas comptés auparavant dans les statistiques de l'enseignement supérieur; de ce fait la série 1960-1966 n'est pas strictement comparable à la série 1967-1970.
- Y compris les cours par correspondance: 134,000 étudiants en 1970.
- A partir de 1967 les données se réfèrent à la rive orientale seulement.
- Personnel enseignant à plein temps seulement.
- Pour la période 1960-1969 les données se réfèrent au personnel enseignant à plein temps seulement.
- Des changements importants dans l'organisation de l'enseignement supérieur ont eu lieu en 1966: l'ancien système d'études à temps partiel (extra mural courses) a été supprimé progressivement jusqu'à sa disparition en 1967; de ce fait, les données pour la période 1966-1970 ne sont pas strictement comparables à celles des années antérieures.
- Les données relatives à l'enseignement normal non universitaire sont incluses avec celles des autres établissements non universitaires.

Table/Tableau 4.2 Distribution of students by field of study  
Répartition des étudiants par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
<b>ASIA</b>													
AFGHANISTAN	1965	MF	3451	555	451	-	509	460	417	293	617	140	9
		F	846	150	208	-	51	58	88	3	86	-	-
	1967	MF	4520	807	624	-	445	408	328	587	831	292	-
		F	747	238	234	-	41	36	64	4	126	4	-
	1968	MF	5242	1156	725	-	407	447	456	810	870	371	-
		F	800	279	264	-	28	31	78	6	114	2	-
	1969	MF	5080	1101	934	-	417	504	505	835	897	489	-
		F	857	272	334	-	28	25	88	13	96	1	-
	1970	MF	7302	929	1460	-	808	546	725	915	1184	731	-
		F	1081	340	375	-	104	26	109	17	308	2	-
BAHRAIN	1966	MF	26	-	26	-	-	-	-	-	-	-	-
	1967	MF	107	-	107	-	-	-	-	-	-	-	-
		F	40	-	40	-	-	-	-	-	-	-	-
	1968	MF	191	-	191	-	-	-	-	-	-	-	-
		F	96	-	96	-	-	-	-	-	-	-	-
	1969	MF	234	-	234	-	-	-	-	-	-	-	-
		F	124	-	124	-	-	-	-	-	-	-	-
	1970	MF	289	-	289	-	-	-	-	-	-	-	-
		F	151	-	151	-	-	-	-	-	-	-	-
BANGLADESH	1970	MF	117003	51395	1904	454	4696	30820	20499	2850	3304	1681	-
		F	11453	7351	494	31	39	1358	1543	2	630	-	-
BURMA	1965	MF	18494	8113	779	-	447	678	6020	663	1624	170	-
		F	5427	3459	415	-	85	213	1313	17	422	3	-
	1965	MF	22399	9019	847	-	309	2156	5031	1910	2607	520	-
		F	7182	3183	424	-	57	1003	1387	207	862	61	-
CYPRUS	1965	MF	488	-	96	-	-	-	-	-	166	26	-
		F	119	-	35	-	-	-	-	-	86	-	-
	1966	MF	308	-	91	-	-	-	-	-	195	22	-
		F	215	-	64	-	-	-	-	-	173	-	-
	1967	MF	315	-	154	-	-	-	-	-	140	21	-
		F	190	-	89	-	-	-	-	-	101	-	-
	1968	MF	444	-	173	-	-	-	-	80	167	26	-
		F	226	-	111	-	-	-	3	112	-	-	-
	1969	MF	580	-	210	-	-	25	-	126	187	32	-
		F	281	-	119	-	-	19	-	9	134	-	-
	1970	MF	698	-	279	-	-	39	-	196	161	23	-
		F	306	-	154	-	-	20	-	11	121	-	-
HONG KONG	1961	MF	5860	1290	1124	113	-	1032	817	1066	349	-	71
		F	2093	605	668	25	-	486	230	40	38	-	1
	1966	MF	11343	2143	2566	163	-	2168	1644	1818	518	-	323
		F	4538	1026	1684	36	-	979	372	53	85	-	103
	1967	MF	11250	2122	2155	242	-	2863	1547	1619	563	-	119
		F	4680	1016	1429	45	-	1262	387	30	97	-	14
	1968	MF	14150	3196	2205	524	-	4120	1644	1757	601	-	103
		F	5326	1375	1474	156	-	1777	387	47	102	-	10
	1969	MF	19674	2666	2339	440	40	5942	2003	5364	632	-	448
		F	6193	1295	1486	161	17	2392	452	105	99	-	186
	1970	MF	25516	3000	2198	453	80	8852	2368	7869	668	-	28
		F	7608	1467	1405	164	33	3834	493	90	111	-	11
INDIA <sup>2</sup>	1960	MF	644904	440980	20120	...	27141	44604	...	47838	40402	15285	2534
		F	109091	92478	6170	...	805	459	...	374	8738	122	445
	1965	MF	1054273	714046	31460	...	34756	85210	...	86285	65881	29943	6686
		F	224290	145314	10412	...	1268	1440	...	788	14938	173	1957
	1966	MF	1217819	820822	37555	...	45522	116839	...	86051	73505	30669	6056
		F	265791	226957	13578	...	1780	2011	...	1132	16349	224	1760
	1967	MF	1402477	962133	41245	...	44904	138817	...	97040	82701	30676	4963
		F	311348	271051	14659	...	1924	2545	...	1150	18326	222	1471



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
<b>INDONESIA</b>													
	1959	MF	47500	2589	15104	46	9109	7853	659	1896	6496	1975	3833
		F	4252	766	4100	46	1782	730	115	87	1095	140	391
	1971	MF	251870	14720	54320	1500	23800	70920	5690	40090	22430	12300	6100
		F	69360	6550	19410	450	6070	22430	1840	2940	7300	2450	120
<b>IRAN<sup>3</sup></b>													
	1965	MF	29074	8268	1062	899	3670	1993	2030	3207	6993	952	-
		F	6926	2465	145	141	559	1034	576	110	1828	68	-
	1966	MF	36742	10927	1720	992	2763	4769	2236	4606	7268	1461	-
		F	8041	4072	432	170	378	883	503	150	2105	148	-
	1966	MF	58194	15121	1678	2331	2202	11996	6707	8636	9048	2475	-
		F	15070	5884	462	468	404	2635	1625	320	3026	266	-
	1969	MF	67268	13305	2150	2809	2325	13666	8964	11703	9370	2976	-
		F	16949	5929	606	658	391	3284	2233	515	3031	302	-
	1970	MF	74708	14704	1951	2844	111	18163	9876	14008	10000	3162	-
		F	19027	6837	603	657	111	4201	2269	725	3434	321	-
<b>IRAN</b>													
	1960	MF	12200	2589	1789	-	1854	2436	431	1079	1565	517	-
		F	2764	1062	577	-	201	333	92	33	448	18	-
	1965	MF	28317	5399	5975	-	2529	5310	3916	3245	3139	864	-
		F	7025	1423	2683	-	229	950	1266	125	918	31	-
	1966	MF	32366	5504	8199	-	1754	5565	4468	4080	3552	1242	-
		F	8357	1382	2835	-	194	1251	1517	174	932	54	-
	1967	MF	35351	5762	9797	258	1479	5489	5359	4159	3796	1232	-
		F	8308	965	3351	44	167	857	1744	189	961	30	-
	1969	MF	37290	57388	5...	386	2534	111	6050	4448	4466	1998	-
		F	8529	54790	5...	75	136	5...	1967	235	1077	45	-
	1970	MF	42451	520482	5...	449	2970	5...	7678	4779	4032	2041	-
		F	9459	5435	5...	94	227	5...	2240	274	1082	87	-
<b>ISRAEL<sup>6</sup></b>													
	1960	MF	13806	2980	2970	159	760	1824	2039	1918	698	378	60
		F	5068	1618	2454	41	179	412	693	42	185	27	17
	1965	MF	28150	7460	6394	6370	1796	3958	3634	3421	751	366	-
		F	13800	4906	5425	115	517	1413	1133	117	148	23	-
	1966	MF	33215	8802	7674	387	1919	5009	4209	3885	931	399	-
		F	16793	5955	6499	124	550	1841	1635	148	204	37	-
	1967	MF	36538	9618	7818	615	1912	6443	4631	4012	1082	409	-
		F	18091	6500	6656	152	570	2682	1672	163	278	38	-
	1968	MF	38751	11333	6362	437	1734	7511	5072	4608	1212	482	-
		F	19451	7663	5425	173	496	5251	2018	69	303	55	-
	1969	MF	42796	15297	5453	494	1802	9459	5234	3133	1403	521	-
		F	21097	8892	4650	104	547	4064	2091	271	387	91	-
	1970	MF	45556	15666	5449	523	1860	9695	6220	5805	1503	532	283
		F	21990	9318	4650	208	549	4060	2409	269	423	84	20
<b>JAPAN<sup>7</sup></b>													
	1959	MF	665557	98093	70396	10708	67977	230198	27026	91539	39026	28523	2049
		F	125744	36484	26998	6292	1545	42005	2341	518	9004	465	92
	1965	MF	1092223	154400	86268	20542	1545	485351	39169	197140	52477	40399	16077
		F	265944	87694	46052	13773	4111	89597	4078	1268	14525	1538	5469
	1968	MF	1658223	228849	160718	38828	4111	728461	43611	275308	57465	51669	73314
		F	479900	137870	99228	27048	4111	160894	5829	2003	21986	2772	22265
	1969	MF	1769798	242603	172989	43701	4111	767860	45518	343986	61046	54993	37102
		F	504547	145355	108558	29699	4111	165891	6015	2939	24503	3184	18405
	1970	MF	1819523	235768	178406	45641	4111	784433	47511	352636	62784	56258	72086
		F	512759	145453	112554	30640	4111	163002	6136	2022	25587	3496	23069

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
JORDAN <sup>B</sup>	1960	MF	982	"	891	"	"	"	"	"	"	91	"
		F	257	"	237	"	"	"	"	"	"	"	"
	1966	MF	4409	904	2009	"	"	821	282	142	126	125	"
		F	1197	247	630	"	"	132	70	"	118	"	"
	1967	MF	3420	747	1023	"	"	1078	323	14	174	61	"
		F	919	240	317	"	"	146	80	"	136	"	"
	1968	MF	4077	925	1105	"	"	1387	444	22	167	27	"
		F	1046	308	261	"	"	232	119	"	126	"	"
	1969	MF	4463	842	1515	"	"	1453	454	55	144	"	"
		F	1177	287	380	"	"	257	136	"	111	"	"
	1970	MF	4518	1054	1373	"	"	1423	497	"	171	"	"
		F	1349	421	328	"	"	273	174	"	153	"	"
KNEB REP. <sup>D</sup>	1965	MF	3904	1029	1094	463	473	263	436	1699	447	"	"
	1966	MF	5894	963	942	488	447	241	491	1740	546	36	"
	1967	MF	7452	1220	1004	614	620	273	943	2173	535	66	"
	1968	MF	8525	1093	1542	662	917	279	868	2347	693	124	"
	1969	MF	8143	1279	604	607	1067	282	1115	2283	789	119	"
	1970	MF	9228	1490	1254	719	1526	236	1361	1292	1213	117	"
	1971	MF	10423	1758	1574	674	1958	278	1489	867	1715	112	"
		F	2215	353	462	265	220	55	369	96	383	12	"
	1961	MF	136008	25644	4128	4292	18060	33810	11486	19344	11751	7727	1766
	1965	MF	141636	21674	12339	7567	6789	27135	12495	26929	12256	14452	"
KOREA, REP. OF		F	35361	9128	3514	4841	320	2857	6327	259	5207	908	"
	1967	MF	170941	21826	19164	7207	7007	35027	12956	33132	14772	17850	"
	1968	MF	166918	19746	20423	6878	6034	29321	13742	42251	15097	13426	"
		F	43505	8011	10658	5040	306	4098	6572	665	7079	1076	"
	1970	MF	201436	19686	27932	7746	6006	36821	17090	49784	19332	17039	"
		F	48863	6530	14302	5573	256	3668	7252	554	9771	955	"
KUWAIT	1966	MF	418	230	"	"	"	102	86	"	"	"	"
		F	176	125	"	"	"	30	21	"	"	"	"
	1967	MF	886	399	"	"	56	293	138	"	"	"	"
		F	416	234	"	"	16	118	48	"	"	"	"
	1968	MF	1019	490	264	"	105	350	210	"	"	"	"
		F	733	353	148	"	23	136	75	"	"	"	"
	1969	MF	2314	544	381	"	138	772	279	"	"	"	"
		F	1066	345	315	"	37	261	106	"	"	"	"
	1970	MF	2086	569	681	"	171	918	347	"	"	"	"
		F	1300	375	375	"	50	358	142	"	"	"	"
LAOS <sup>4</sup>	1965	MF	161	"	115	"	77	111	"	"	69	"	"
		F	26	"	12	"	7	111	"	"	17	"	"
	1966	MF	235	"	19	"	103	111	"	"	113	"	"
		F	37	"	2	"	28	111	"	"	7	"	"
	1967	MF	360	"	38	"	177	111	"	"	165	"	"
		F	62	"	5	"	14	111	"	"	45	"	"
	1968	MF	407	"	31	"	213	111	"	"	163	"	"
		F	78	"	7	"	15	111	"	"	56	"	"
	1969	MF	420	"	42	"	173	111	"	"	205	"	"
		F	87	"	11	"	16	111	"	"	60	"	"
	1970	MF	424	"	37	"	162	111	"	"	205	"	"
		F	82	"	25	"	12	111	"	"	47	"	"

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
<b>LEBANON</b>													
	1962	MF	10253	5253	481	210	2971	1148	565	521	936	168	-
		F	2391	1009	347	67	223	362	79	-	303	1	-
	1963	MF	20338	7098	711	306	3773	5500	871	771	1144	164	-
		F	3085	1942	235	42	370	560	126	110	384	16	-
	1966	MF	23475	8707	868	401	3746	5847	1762	862	1225	165	392
		F	4944	2086	828	65	361	577	190	9	424	14	392
	1967	MF	29136	10059	2152	695	3941	8381	1210	816	1269	184	429
		F	6458	2637	1301	135	435	833	211	2	445	10	429
	1968	MF	33587	14314	1906	779	3644	8652	1616	820	1198	217	441
		F	7208	3356	1127	166	533	866	300	7	395	17	441
	1969	MF	38519	16786	1856	823	3794	10314	2176	788	1243	275	462
		F	8909	4478	1112	176	476	1330	452	7	409	27	462
<b>MALAYSIA</b>													
<b>SARAWAK</b>													
	1962	MF	135	-	135	-	-	-	-	-	-	-	-
		F	50	-	50	-	-	-	-	-	-	-	-
	1963	MF	146	-	146	-	-	-	-	-	-	-	-
		F	57	-	57	-	-	-	-	-	-	-	-
	1967	MF	227	-	227	-	-	-	-	-	-	-	-
		F	80	-	80	-	-	-	-	-	-	-	-
	1968	MF	291	-	291	-	-	-	-	-	-	-	-
		F	114	-	114	-	-	-	-	-	-	-	-
	1969	MF	367	-	367	-	-	-	-	-	-	-	-
		F	146	-	146	-	-	-	-	-	-	-	-
	1970	MF	430	-	430	-	-	-	-	-	-	-	-
		F	158	-	158	-	-	-	-	-	-	-	-
<b>WEST MALAYSIA</b>													
	1960	MF	8071	354	6870	-	-	-	114	628	-	105	-
	1966	MF	14034	1836	10455	-	-	133	670	1012	277	451	-
		F	5102	621	4217	-	-	22	138	33	40	31	-
	1967	MF	15688	2132	10154	-	-	417	878	1079	389	639	-
		F	3629	192	4454	-	-	61	166	38	62	54	-
	1968	MF	13045	2332	6540	-	-	781	1038	1259	510	785	-
		F	4258	950	2771	-	-	136	181	60	83	77	-
	1969	MF	15017	4696	5007	299	43	2627	1256	1520	568	1001	-
		F	4459	1728	1220	110	13	841	242	74	97	114	-
	1970	MF	16956	4590	5369	232	39	2648	2561	1877	631	1128	161
		F	5007	1671	1475	95	16	825	506	126	107	144	46
<b>NEPAL</b>													
	1963	MF	8100	5270	211	68	155	2462	1934	-	-	-	-
		F	1580	898	58	15	4	142	265	-	-	-	-
	1966	MF	10235	107566	217	25	145	1011	2284	-	-	-	-
		F	1767	1590	51	5	11	1011	310	-	-	-	-
	1969	MF	17025	10189	191	158	249	3714	2544	-	-	-	-
		F	3103	2417	54	41	4	242	345	-	-	-	-
<b>PAKISTAN</b>													
	1970	MF	221081	44194	5935	375	5528	11350	16672	7344	5210	8498	118577
		F	47849	12252	1179	131	45	2147	2665	26	1247	204	21955
<b>PHILIPPINES<sup>12</sup></b>													
	1960	MF	261951	34551	47531	3716	11138	102144	-	24543	34652	3874	-
		F	134758	17161	39862	1162	1812	49221	-	1798	23392	350	-
	1963	MF	448173	75265	176512	6227	11026	115430	-	51704	22176	3297	8536
		F	253806	39123	135244	1280	1458	50669	-	4284	16863	273	4612
	1966	MF	402652	80947	188806	5427	12414	128321	-	57177	21892	3285	14383
		F	268176	42238	145005	1085	1508	54545	-	2050	17355	287	6045
	1967	MF	539478	96014	190655	6327	13428	143261	-	52985	22512	3279	11019
		F	297296	55399	150055	1210	1744	64179	-	3056	17750	269	5634
	1968	MF	565055	107031	165602	6657	15195	171525	-	57191	23488	3340	15006
		F	315178	62468	152575	1455	1762	85815	-	2975	18697	352	7681
	1969	MF	575094	109034	146631	6506	15624	192202	-	59524	24947	3445	15181
		F	315440	65826	113751	1344	1954	102422	-	3176	20204	380	8383

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'Ingénieur	Sciences médicales		Non spécifié
SAUDI ARABIA	1960	MF	1306	346	"	"	608	270	65	"	17	"	"
		F	"	"	"	"	"	"	"	"	"	"	"
	1965	MF	3025	1096	156	"	1339	536	157	255	28	58	"
		F	118	96	"	"	"	28	"	"	"	"	"
	1966	MF	3025	1121	156	"	1407	453	199	377	34	78	"
		F	114	95	"	"	"	19	"	"	"	"	"
	1967	MF	4061	1424	259	"	1775	599	231	412	76	85	"
		F	189	122	30	"	"	37	"	"	"	"	"
	1968	MF	5419	1474	369	"	1767	777	554	294	89	95	"
		F	294	157	60	"	"	77	"	"	"	"	"
SINGAPORE	1969	MF	6942	1721	578	"	2052	1037	855	397	200	102	"
		F	434	229	91	"	"	114	"	"	"	"	"
	1970	MF	8492	2055	932	"	2373	1266	613	916	176	161	"
		F	691	249	210	"	52	180	"	"	"	"	"
	1960	MF	13184	1403	4921	701	314	1523	1686	1569	1013	"	54
		F	4050	538	2879	26	53	441	448	6	259	"	"
	1967	MF	13005	1437	4692	697	310	1330	1682	1816	975	"	66
		F	4009	501	2821	30	54	378	472	15	248	"	"
	1968	MF	12447	1713	5097	771	353	1390	1852	2193	973	"	105
		F	3930	715	1902	29	74	405	519	40	255	"	"
SRI LANKA	1969	MF	12059	1142	2266	353	368	1137	1776	3579	893	"	125
		F	3670	865	1354	40	98	420	538	123	228	"	4
	1970	MF	13771	2115	2107	785	359	1309	1587	4544	843	"	122
		F	4167	1018	1357	66	120	587	559	237	223	"	"
	1960	MF	5577	2529	329	"	36	547	527	242	949	20	598
		F	948	613	17	"	5	"	150	"	152	"	11
	1966	MF	14422	10902	517	"	72	511	827	571	1446	153	251
		F	14287	10829	511	"	93	511	968	616	1601	180	"
	1967	MF	5759	5952	511	"	35	511	248	19	479	26	"
		F	12686	5216	511	"	87	511	1050	658	1470	199	"
SYRIA	1968	MF	5407	5551	511	"	32	511	315	25	451	33	"
		F	11859	5291	511	"	109	511	1166	561	1510	222	"
	1969	MF	5024	4055	511	"	40	511	364	28	494	43	"
		F	12325	5675	511	"	132	511	1282	577	1412	247	"
	1970	MF	5334	4242	511	"	69	511	407	31	527	58	"
		F	14370	4133	258	"	6117	1271	1121	524	893	53	"
	1965	MF	2473	1159	86	"	600	182	148	34	263	1	"
		F	32653	15967	299	254	9988	2597	2248	1375	1371	554	"
	1966	MF	5486	2879	94	88	1053	574	355	86	344	13	"
		F	32127	15769	318	254	8739	2685	2332	1816	1720	494	"
THAILAND <sup>14</sup>	1967	MF	5416	2860	74	77	924	579	364	93	435	10	"
		F	33027	11447	302	246	7984	5250	3069	2022	2050	657	"
	1968	MF	5727	2750	84	66	861	856	472	95	525	18	"
		F	35005	12452	441	206	6995	6191	3520	2176	2129	829	"
	1969	MF	5432	3051	109	59	730	967	565	90	317	44	"
		F	37540	12700	321	498	6866	6256	4714	2827	2404	956	"
	1970	MF	6481	3431	78	99	774	836	746	89	372	56	"
		F	40537	15282	260	654	5804	6141	4517	4290	3779	1810	"
	1960	MF	7535	5863	68	117	694	885	721	181	670	136	"
		F	19258	2646	4060	159	698	6561	992	83	3436	623	"
THAILAND <sup>14</sup>	1969	MF	55515	5130	15676	879	3668	14802	2889	4645	6347	3626	1653
		F	25156	2689	7048	159	725	7137	1256	75	3242	805	"
	1965	MF	35031	624	2035	551	9411	16365	1945	1417	2315	972	"
		F	36403	1469	5334	765	8757	11367	1522	1913	3588	1688	"
	1966	MF	12236	1261	2835	149	429	4842	525	39	1757	403	"
		F	38204	2189	6218	849	3177	12522	1695	2292	5045	2515	1702
	1967	MF	15531	1867	3434	151	427	5846	733	43	2445	585	"
		F	41848	2565	7547	867	5422	12391	1895	3075	5580	2732	1774
	1968	MF	17566	2173	4046	159	529	6212	842	45	2937	623	"
		F	45763	5140	7141	864	3756	13783	2231	4264	6726	2986	872



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
TURKEY	1960	MF	65297	6574	3893	1274	14631	18720	3205	7363	5665	3772	-
		F	13007	2816	1343	273	3187	2322	911	508	1311	336	-
	1965	MF	97331	9888	6170	1080	13817	30798	5556	13193	10534	4275	-
		F	20382	4128	2837	364	3596	3910	1343	925	2843	436	-
	1966	MF	111791	10656	8531	1231	14847	34724	6540	19115	11498	4643	-
		F	23478	4361	2984	441	3875	4987	1612	1340	3394	479	-
	1967	MF	125647	11523	7890	1268	14394	39802	8911	24558	12737	4564	-
		F	24515	4711	3108	449	3164	5161	1910	1781	3790	441	-
	1968	MF	143279	11861	8009	1410	16096	42318	10808	32583	16076	4118	-
		F	26787	4913	3145	528	2972	5518	2169	2180	4985	377	-
	1969	MF	160334	11407	8934	1582	15897	48732	12225	38420	18802	4335	-
		F	29803	4664	3680	574	3164	6168	2164	2763	6255	371	-
	1970	MF	169793	12199	9310	1761	14557	48477	9565	47139	22104	4681	-
		F	32034	4163	3531	620	2746	7140	2221	3331	7901	375	-
VIETNAM, REP. OF	1960	MF	12443	2869	975	359	2359	335	3160	389	1906	111	-
		F	2130	704	215	53	255	20	328	9	557	9	-
	1965	MF	28410	8221	998	608	6336	1993	5383	345	4207	319	-
		F	6834	2585	250	51	1123	409	860	-	1526	22	-
	1966	MF	32042	8197	1410	1102	8871	1699	6192	550	4430	385	-
		F	8127	2540	352	44	2043	230	1059	-	1782	37	-
	1967	MF	34726	9385	1532	732	9367	1788	6983	367	4191	381	-
		F	9311	2890	409	50	2801	287	1267	-	1569	38	-
	1968	MF	39558	11293	1562	791	11509	1637	7750	439	4185	392	-
		F	10547	4033	540	44	2288	335	1743	1	1520	63	-
	1969	MF	48126	15321	2023	917	13673	3368	7733	519	4037	535	-
		F	13981	6016	852	64	2595	821	1934	4	1644	51	-
YEMEN, PEOPLE'S REP. OF	1970	MF	91	-	91	-	-	-	-	-	-	-	-
		F	25	-	25	-	-	-	-	-	-	-	-

# NOTES

1. Full-time students only.
  2. Fine arts are included under "not specified"; social sciences refer to commerce only; other social sciences and natural sciences are included with humanities.
  3. From 1967 the numbers given include a certain number of non-university institutions which were not previously counted in statistics of higher education; therefore data for 1960-1966 are not strictly comparable with the 1967-1970 data.
  4. Social sciences and law are counted together.
  5. Education and social sciences are included with humanities.
  6. Data refer to universities and higher teacher training.
  7. From 1968, data include correspondence courses: 134,000 students in 1970.
  8. From 1967 data refer to the east bank only.
  9. Economics are included with law.
  10. Social sciences are included with humanities.
  11. Data refer to colleges of arts and sciences at the intermediate level for which the distribution by field of study is not available.
  12. Data refer to private education which represents more than 90% of total involvement. Natural sciences are included with humanities.
  13. Social sciences at the University of Singapore are included with humanities.
  14. Important organizational changes took place in 1966: the old system of part-time studies (extra mural courses) was gradually discontinued until it disappeared in 1967; therefore the figures for the period 1966-1970 are not strictly comparable with those for previous years.
1. Etudiants inscrits à plein temps seulement.
  2. Les beaux arts sont classés sous la rubrique "non spécifié"; les sciences sociales ne comprennent que le commerce, les autres sciences sociales ainsi que les sciences exactes et naturelles étant classées avec les lettres.
  3. A partir de 1967 les chiffres tiennent compte d'un certain nombre d'établissements non universitaires qui n'étaient pas comptés auparavant dans les statistiques de l'enseignement supérieur; de ce fait la série 1960-1966 n'est pas strictement comparable à la série 1967-1970.
  4. Les sciences sociales et le droit sont classés ensemble.
  5. L'éducation et les sciences sociales sont classées avec les lettres.
  6. Les chiffres se réfèrent aux universités et à l'enseignement normal supérieur.
  7. A partir de 1968 les données comprennent les cours par correspondance: 134,000 étudiants en 1970.
  8. A partir de 1967 les données se réfèrent à la rive orientale seulement.
  9. Le droit comprend les sciences économiques.
  10. Les sciences sociales sont classées avec les lettres.
  11. Les données se réfèrent aux collèges de lettres et de sciences de niveau intermédiaire pour lesquels la répartition par branches d'études n'est pas disponible.
  12. Les données se réfèrent à l'enseignement privé qui représente plus de 90% de l'effectif total. Les sciences exactes et naturelles sont classées avec les lettres.
  13. Les sciences sociales de l'université de Singapour sont classées avec les lettres.
  14. Des changements importants dans l'organisation de l'enseignement supérieur ont eu lieu en 1966: l'ancien système d'études à temps partiel (extra mural courses) a été supprimé progressivement jusqu'à sa disparition en 1967; de ce fait, les données pour la période 1966-1970 ne sont pas strictement comparables à celles des années antérieures.

Table/Tableau 4.3 Distribution of graduates by field of study  
Répartition des diplômes par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
AFGHANISTAN	1961	MF	500	69	-	-	60	29	34	6	73	29	-
		F	14	11	-	-	-	-	5	-	-	-	-
	1965	MF	411	62	58	-	93	43	25	32	72	28	-
		F	84	13	31	-	8	9	5	-	20	-	-
	1968	MF	678	108	194	-	102	71	62	65	60	16	-
		F	122	33	61	-	5	5	7	-	11	-	-
	1969	MF	728	142	185	-	137	61	51	52	73	29	-
		F	153	33	52	-	23	4	9	1	11	-	-
BAHRAIN	1968	MF	70	-	70	-	-	-	-	-	-	-	-
		F	37	-	37	-	-	-	-	-	-	-	-
	1969	MF	106	-	106	-	-	-	-	-	-	-	-
		F	50	-	50	-	-	-	-	-	-	-	-
	1970	MF	120	-	120	-	-	-	-	-	-	-	-
		F	65	-	65	-	-	-	-	-	-	-	-
BANGLADESH	1970	MF	66350	35238	1742	41	1356	18101	10675	427	498	272	-
		F	5764	4468	383	4	6	86	733	1	83	-	-
CYPRUS	1965	MF	59	-	40	-	-	-	-	-	7	12	-
		F	16	-	11	-	-	-	-	-	5	-	-
	1967	MF	115	-	58	-	-	-	-	-	47	10	-
		F	59	-	22	-	-	-	-	-	37	-	-
	1968	MF	112	-	32	-	-	-	-	-	69	11	-
		F	79	-	20	-	-	-	-	-	59	-	-
	1969	MF	138	-	61	-	-	-	-	-	62	15	-
		F	92	-	47	-	-	-	-	-	45	-	-
	1970	MF	228	-	84	-	-	7	-	66	67	4	-
		F	100	-	47	-	-	6	-	3	44	-	-
HONG KONG	1961	MF	1349	189	1017	7	-	11	68	17	40	-	-
	1965	MF	1554	344	538	14	-	192	147	62	57	-	-
		F	526	181	4	6	-	75	50	-	10	-	-
	1966	MF	2455	461	1095	25	-	299	229	262	84	-	-
	1967	MF	2569	462	1129	19	-	259	229	351	86	-	34
		F	1164	234	726	3	-	135	48	4	12	-	-
	1968	MF	2512	470	1055	29	-	276	215	375	85	-	11
		F	1158	217	729	10	-	131	55	2	14	-	-
	1969	MF	3469	360	1130	121	-	454	282	988	134	-	-
	1970	MF	4070	410	1539	54	-	499	277	1171	120	-	-
		F	1479	195	1013	14	-	166	53	11	27	-	-
INDIA	1960	MF	179038	110710	19136	191	7162	18141	1111	8000	5270	4196	232
		F	36477	27415	5789	153	185	1915	1111	19	983	24	14
	1964	MF	245482	119024	26410	1180	8430	22348	44861	10253	5759	7211	-
		F	57433	37236	8922	468	304	505	8722	33	1408	35	-
	1965	MF	262474	119913	50265	1015	9110	25925	48865	13565	8605	7275	-
		F	63917	39973	10815	553	372	538	9484	104	2041	37	-
	1966	MF	287887	134329	50266	931	9121	25604	58745	11907	8573	8413	-
		F	72578	40700	9921	387	348	489	12504	79	2114	36	-
INDONESIA <sup>1</sup>	1971	MF	13370	310	4170	311	1570	2920	140	1120	1420	1720	-
		F	3130	110	1210	311	400	570	50	70	430	290	-
IRAN	1965	MF	5272	1434	619	64	290	346	342	614	1282	281	-
		F	1130	417	89	8	31	84	62	25	403	11	-
	1969	MF	11769	2667	592	292	232	3001	1575	1469	1255	688	-
		F	3051	1198	159	71	21	720	368	26	438	50	-
	1970	MF	17150	4184	634	570	340	3633	2164	5129	1724	766	-
		F	4698	1663	156	176	46	874	632	200	901	50	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
IRAQ	1960	MF	1713	425	274	-	153	144	103	223	208	124	59
		F	413	204	99	-	8	21	26	-	55	-	-
	1964	MF	2349	464	340	30	347	459	104	200	287	90	28
		F	767	185	129	30	38	208	44	16	113	4	-
	1969	MF	6905	3232	411	51	646	411	1073	839	609	455	-
		F	1763	1052	411	4	68	411	388	44	204	3	-
	1970	MF	7774	3589	411	31	610	411	1293	1180	695	381	-
		F	1798	1037	411	3	34	411	471	52	188	13	-
ISRAEL <sup>5</sup>	1960	MF	1726	270	-	4	143	251	242	576	81	101	56
		F	367	132	-	-	32	59	88	17	17	8	14
	1963	MF	2700	650	-	44	197	401	732	459	118	99	-
		F	776	312	-	12	38	120	248	7	33	6	-
	1966	MF	2953	766	-	34	202	363	742	586	126	114	-
		F	871	419	-	14	34	93	263	15	26	7	-
	1967	MF	3807	898	-	33	351	702	932	632	131	108	-
		F	1110	470	-	14	76	185	297	15	42	11	-
	1968	MF	4418	1189	-	60	307	897	1015	672	162	116	-
		F	1492	638	-	13	95	335	324	40	41	6	-
	1969	MF	5063	1410	-	72	364	943	1145	799	179	151	-
		F	1825	902	-	32	107	320	369	35	43	15	-
	1970	MF	6451	2176	-	73	310	1382	1291	885	177	157	-
		F	2730	1504	-	29	79	521	490	67	46	14	-
JAPAN	1960	MF	155052	22748	18748	2897	14321	58339	3854	19462	7486	6917	260
		F	38148	9977	7393	1763	369	15953	452	87	2013	139	-
	1966	MF	247137	34605	21334	5395	17108	98184	6706	42072	9458	9630	2645
		F	73799	24063	12187	3767	699	30368	890	319	2847	352	307
	1967	MF	273885	40515	24362	5802	17789	106744	7136	48553	9634	9973	3377
		F	93389	27485	15956	4342	776	39179	956	443	2941	406	903
	1968	MF	316218	45259	30480	7750	21631	125066	7779	53615	11354	10048	3336
		F	120675	31607	21303	5859	830	53558	962	522	4381	443	1008
	1969	MF	352643	50673	35831	9234	111	157580	8617	60934	13107	10704	5963
		F	138862	30853	20382	7401	611	57249	1126	555	5354	531	3409
	1970	MF	378176	50066	38964	10912	611	165638	8980	65803	14104	11443	6266
		F	150423	40968	29193	8860	611	59044	1229	621	6194	732	3576
JORDAN <sup>7</sup>	1962	MF	526	-	507	-	-	-	-	-	-	19	-
		F	96	-	96	-	-	-	-	-	-	-	-
	1963	MF	623	69	477	-	-	15	-	-	-	-	62
		F	154	5	124	-	-	2	-	-	-	-	26
	1966	MF	1308	105	891	-	-	133	20	77	42	40	-
		F	339	31	240	-	-	16	4	-	42	-	-
	1967	MF	806	141	641	-	-	123	-	-	-	-	-
		F	233	59	108	-	-	19	-	-	47	-	-
	1968	MF	976	196	330	-	-	290	83	-	50	27	-
		F	262	78	100	-	-	40	20	-	18	-	-
	1969	MF	1472	190	753	-	-	372	83	22	50	-	-
		F	311	51	162	-	-	50	25	-	23	-	-
	1970	MF	1579	208	593	-	-	416	75	32	58	-	-
		F	343	61	147	-	-	76	20	-	39	-	-
KOREA, REP. OF	1961	MF	19141	3407	617	959	2517	5574	1394	1522	2251	865	33
		F	55181	4144	5197	1597	2008	8319	2802	5215	2997	2852	-
	1963	MF	11071	2014	2636	1211	63	1406	1922	192	1402	225	-
		F	40406	4963	5754	1776	1960	8985	3335	7379	3645	2607	-
	1966	MF	12594	2679	2398	1393	59	1601	2225	216	1735	286	-
		F	38197	5723	6925	1821	1560	9014	2846	6240	3088	2980	-
	1968	MF	12570	1625	4213	1391	31	1417	1886	248	1366	393	-
		F	35046	5898	7049	1613	1451	7658	3586	5037	3264	2088	-
	1969	MF	11900	1715	3654	1207	71	1161	2023	110	1738	221	-
		F	41987	5785	8222	1743	1357	7850	2790	8198	3967	4075	-
	1970	MF	12556	1523	4661	1310	100	774	1632	135	2192	229	-
		F	369	69	117	-	22	123	36	-	-	-	-
		F	190	49	77	-	7	41	16	-	-	-	-
KUWAIT	1970	MF	569	69	117	-	22	123	36	-	-	-	-
		F	190	49	77	-	7	41	16	-	-	-	-



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social	Natural	Engineer-	Medical	Agri-	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales	culture	Non spécifiés
LAOS <sup>6</sup>	1965	MF	51	"	"	"	18	111	"	"	13	"	"
	1966	MF	27	"	6	"	13	111	"	"	6	"	"
	1967	MF	49	"	10	"	26	111	"	"	13	"	"
	F		3	"	1	"	2	111	"	"	1	"	"
	1968	MF	83	"	21	"	49	111	"	"	13	"	"
	F		17	"	11	"	3	111	"	"	3	"	"
	1969	MF	115	"	20	"	62	111	"	"	33	"	"
	F		23	"	5	"	4	111	"	"	14	"	"
	1971	MF	94	"	20	"	39	111	"	"	29	"	"
	F		23	"	11	"	3	111	"	"	7	"	"
LEBANON	1961	MF	1089	239	113	13	242	335	154	160	318	73	"
	1965	MF	1855	400	128	81	424	192	250	148	185	41	"
	F		567	121	111	78	82	35	51	21	68	"	"
	1966	MF	2149	635	183	113	323	258	268	132	203	34	"
	F		708	215	141	107	27	58	65	6	85	4	"
	1967	MF	2552	765	324	24	401	374	245	113	249	57	"
	F		788	285	192	7	43	90	67	"	100	2	"
	1968	MF	3235	1187	320	53	379	622	278	155	213	48	"
	F		871	301	212	15	49	101	82	1	108	2	"
	1969	MF	4437	1697	651	97	411	865	310	132	209	65	"
MALAYSIA SARAWAK	1962	MF	58	"	38	"	"	"	"	"	"	"	"
	F		18	"	18	"	"	"	"	"	"	"	"
	1965	MF	108	"	108	"	"	"	"	"	"	"	"
	F		40	"	40	"	"	"	"	"	"	"	"
	1966	MF	79	"	79	"	"	"	"	"	"	"	"
	F		35	"	35	"	"	"	"	"	"	"	"
	1967	MF	80	"	80	"	"	"	"	"	"	"	"
	F		37	"	37	"	"	"	"	"	"	"	"
	1968	MF	163	"	163	"	"	"	"	"	"	"	"
	F		56	"	56	"	"	"	"	"	"	"	"
WEST MALAYSIA	1965	MF	2796	8342	2047	"	"	811	159	187	"	61	"
	F		893	8129	719	"	"	811	32	13	"	"	"
	1966	MF	4667	8440	3763	"	"	811	186	212	"	66	"
	F		1532	8157	1307	"	"	811	52	12	"	4	"
	1967	MF	5987	566	4858	"	"	7	218	226	"	106	6
	F		2390	198	2103	"	"	1	62	15	"	10	1
	1968	MF	6508	613	4853	"	"	99	311	364	62	204	"
	F		2406	156	2141	"	"	12	66	9	5	17	"
	1969	MF	3756	719	1573	"	"	406	507	264	68	217	"
	F		1258	316	693	"	"	94	100	8	15	26	"
NEPAL	1969	MF	1791	869	103	811	40	365	412	"	"	"	"
	F		241	167	7	111	"	12	55	"	"	"	"
PAKISTAN	1969	MF	45131	23486	4550	16	1823	3340	5740	1169	986	2015	"
	F		10589	6933	1766	5	14	270	1381	"	220	"	"
PHILIPPINES	1962	MF	61248	4303	27264	644	2275	14984	780	3779	6491	1028	"
	1964	MF	73739	5067	31807	561	889	15022	1023	3471	6368	1551	"
	1966	MF	96223	6034	52513	617	1421	17967	2820	6522	6828	1501	"
	F		61770	2972	40688	213	172	10265	1475	473	5331	181	"
	1967	MF	96196	6378	52840	753	1327	18128	1704	6716	5927	2014	407
	F		56545	3038	38182	180	143	8701	463	592	4760	256	230
	1968	MF	91986	5937	43003	651	1214	28041	1808	5676	4251	1245	158
	F		59684	2994	35237	179	128	16273	890	304	3444	127	106

Country	Year - Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
SAUDI ARABIA	1960 MF	110	35			75						
	1965 MF	324	127	45		281	46	20		7		
	1966 MF	587	128	15		151	46	20	16	11		
	1967 MF	528	124	25		275	51	27	28			
	1968 MF	634	175	25		319	51	26	26	4	10	
	F	10	7			1	2					
	1969 MF	808	251	48		365	62	27	25	10	22	
	F	13	12				1					
	1970 MF	833	208	80		335	79	60	34	15	16	
	F	27	16	9			2					
SINGAPORE	1961 MF	1067	272	885		23	70	226	90	103		
	F	808	86	445		5	7	44		21		
	1965 MF	2703	403	1195	5	76	272	401	234	176	3	
	F	918	156	559	2	16	56	89	2	38		
	1966 MF	3831	385	2165	2	67	305	427	235	239	6	
	F	1629	162	1235	1	15	73	95	1	66	1	
	1967 MF	3798	356	2309	3	46	244	340	300	163	7	30
	F	1742	163	1352		5	73	107	2	36	4	
	1968 MF	3617	369	1505	20	47	507	593	333	194	6	45
	F	1486	153	965	2	8	134	166	5	53	2	
SRI LANKA	1961 MF	639	359			8		138	50	88	4	12
	1965 MF	3058	2404			25	75	208	86	220	40	
	F	823	682			4	16	49	1	67	4	
	1966 MF	3522	2603	41		25	204	238	97	288	26	
	F	1076	864	18		3	51	59	1	79	1	
	1967 MF	4014	3571	54		25	197	190	113	424	40	
	F	1721	1475	20		4	46	50	1	118	7	
	1968 MF	4517	3325	39		63	234	234	135	243	44	
	F	1953	1734	25		14	51	56	3	62	8	
	1969 MF	3844	2781	131		58	211	324	206	307	37	
SYRIA	1961 MF	1799	452	249		652	156	94	30	166		
	F	381	121	64		58	31	22	3	82		
	1965 MF	2464	495	155	57	679	415	125	249	202	109	
	F	440	100	43	16	65	93	17	17	82	5	
	1966 MF	3192	1166	147	45	688	399	159	195	289	106	
	F	557	230	35	17	62	81	30	13	87	2	
	1967 MF	3474	1138	175	45	815	494	142	320	261	86	
	F	660	257	49	20	81	95	24	21	111	2	
	1968 MF	3601	1190	226	45	772	512	157	249	364	88	
	F	743	279	65	10	92	106	22	19	150	2	
THAILAND	1961 MF	6069	207	1090	171	551	954	422	311	570	387	
	1966 MF	6910	266	1594	206	752	1664	167	374	1064	570	253
	F	2736	224	832	50	63	795	59	7	559	147	
	1967 MF	7563	337	1521	279	513	1613	266	544	1239	738	313
	F	3086	307	775	56	24	905	124	13	689	193	
	1969 MF	10023	513	2165	217	994	2549	545	775	1454	467	366
	F	4622	471	1161	47	146	1488	267	10	931	101	
	1970 MF	12344	765	3150	355	973	3105	454	877	1860	630	369
	F	5087	643	1707	77	138	1687	251	17	1026	141	

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
TURKEY	1960	MF	6838	236	906	187	781	2094	243	1096	792	503	
		F	1327	116	234	40	128	460	63	44	193	79	
	1965	MF	10611	923	2437	164	816	2972	427	1129	1084	639	
		F	2484	406	864	43	157	387	144	81	339	63	
	1966	MF	12727	1041	3116	192	1039	3283	830	1281	1108	817	
		F	2629	414	1033	63	186	464	134	92	354	89	
	1967	MF	13677	1220	3342	200	979	3046	1460	1402	1375	847	
		F	3128	543	1037	71	183	411	161	127	475	100	
	1968	MF	16324	1268	1392	197	1323	5003	2336	2083	1707	1025	
		F	3068	514	610	74	222	663	200	162	519	106	
	1969	MF	20371	1439	2414	216	2037	6171	3132	2348	1956	638	
		F	3695	552	960	90	309	724	205	205	582	64	
	1970	MF	22636	1908	2691	182	1975	7408	2081	3797	2134	680	
		F	4416	597	975	78	390	1008	301	340	694	33	
VIETNAM, REP. OF	1960	MF	552	43	177	33	119		21	63	94		
		F	119	7	53	7	14		6	1	31		
	1966	MF	1035	240	297	31	328	235	128	84	412	680	
		F	391	53	70	3	57	30	22		154		
	1967	MF	2338	249	533	44	470	275	133	83	453	96	
		F	582	78	180	3	80	42	34		151	12	
	1968	MF	2648	294	563	73	480	293	211	80	579	75	
		F	682	90	209	8	84	44	49		193	5	

# NOTES

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| <ol style="list-style-type: none"> <li>1. Natural sciences are included with humanities.</li> <li>2. Public universities only: the number of students enrolled represents 50% of total enrolment.</li> <li>3. Architecture is included with engineering.</li> <li>4. Education and social sciences are included with humanities.</li> <li>5. Universities and equivalent institutions only.</li> <li>6. Social sciences and law are counted together.</li> <li>7. From 1967 data refer to the east bank only.</li> <li>8. Social sciences are included with humanities.</li> <li>9. Fine arts are included with humanities.</li> </ol> | <ol style="list-style-type: none"> <li>1. Les sciences exactes et naturelles sont classées avec les lettres.</li> <li>2. Universités publiques seulement: les effectifs inscrits représentent 50% de l'effectif total.</li> <li>3. L'architecture est classée avec les sciences de l'ingénieur.</li> <li>4. L'éducation et les sciences sociales sont classées avec les lettres.</li> <li>5. Universités et établissements équivalents seulement.</li> <li>6. Les sciences sociales et le droit sont classés ensemble.</li> <li>7. A partir de 1967 les données se réfèrent à la rive orientale seulement.</li> <li>8. Les sciences sociales sont classées avec les lettres.</li> <li>9. Les beaux-arts sont classés avec les lettres.</li> </ol> |
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**Table/Tableau 4.4 Distribution of graduates by level of degree or diploma**  
**Répartition des diplômés selon le niveau du diplôme obtenu**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
 B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
AFGHANISTAN	1961	"	309	"	"	14	"
	1963	"	411	"	"	84	"
	1968	107	571	"	15	107	"
	1969	90	636	"	16	117	"
BAHRAIN	1968	76	"	"	37	"	"
	1969	106	"	"	56	"	"
	1970	120	"	"	65	"	"
BANGLADESH	1970	273	62626	3429	44	5123	597
CYPRUS	1965	59	"	"	16	"	"
	1966	56	"	"	33	"	"
	1967	115	"	"	59	"	"
	1968	112	"	"	79	"	"
	1969	138	"	"	92	"	"
	1970	228	"	"	100	"	"
HONG KONG	1961	971	295	85	111	311	111
	1963	529	750	69	4	302	20
	1966	1530	991	134	111	311	111
	1967	1452	1002	115	736	390	38
	1968	1607	970	135	760	355	45
	1969	2246	1073	170	111	111	111
	1970	2656	1225	191	1006	405	68
INDIA	1960	"	150437	28601	"	51057	5420
	1965	"	212025	50449	"	51852	12065
	1966	"	239151	48736	"	60704	11874
INDONESIA <sup>1</sup>	1971	"	9200	4170	"	2240	880
IRAN	1965	"	5272	"	"	1150	"
	1969	2025	9203	541	680	2272	90
	1970	5756	10715	681	1689	2865	144
IRAQ	1960	"	1715	"	"	415	"
	1964	"	2350	15	"	765	2
	1969	"	6845	62	"	1749	14
	1970	"	7635	144	"	1755	43
ISRAEL <sup>2</sup>	1960	"	1270	450	"	250	117
	1965	"	2135	567	"	621	155
	1966	"	2535	620	"	712	159
	1967	"	3029	778	"	940	164
	1968	"	3664	754	"	1327	165
	1969	"	4167	916	"	1629	196
	1970	"	4691	1760	"	1998	732
JAPAN	1960	51225	120254	3553	21363	10545	240
	1966	57408	181385	8344	42817	30345	637
	1967	77478	186192	9715	60845	31941	603
	1968	106858	197835	11827	85741	33994	740
	1969	119535	221015	12295	96439	41629	794
	1970	122762	242847	12567	100272	49204	947
JORDAN <sup>3</sup>	1962	526	"	"	96	"	"
	1965	564	59	"	148	11	"
	1966	7405	105	"	319	20	"
	1967	616	190	"	161	72	"
	1968	598	539	39	122	135	7
	1969	662	590	20	178	126	5
	1970	725	625	51	192	149	2



Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
KOREA, REP. OF	1961	1874	18639	628	101	1011	111
	1965	11365	22338	1378	5635	5310	126
	1966	12139	28474	1293	4963	7531	100
	1968	12061	23649	1887	6719	5652	199
	1969	10102	23565	1977	5604	6072	224
	1970	12007	27960	2020	5478	6825	253
KUWAIT	1970	29	335	9	8	181	1
LAOS	1965	13	18	-	-	-	-
	1966	23	4	-	1	-	-
	1967	38	11	-	3	-	-
	1968	60	23	-	16	1	-
	1969	91	24	-	20	5	-
	1971	76	18	-	19	4	-
LEBANON	1961	93	1444	152	101	101	101
	1965	401	1349	105	244	304	19
	1966	444	1585	118	295	382	51
	1967	335	1964	255	244	501	43
	1968	382	2619	254	246	577	44
	1969	364	3655	418	252	776	115
MALAYSIA SABAHAK	1965	108	-	-	40	-	-
	1966	79	-	-	35	-	-
	1967	80	-	-	37	-	-
	1968	163	-	-	56	-	-
	1969	205	-	-	82	-	-
	1970	206	-	-	58	-	-
WEST MALAYSIA	1965	2122	674	-	656	237	-
	1966	3785	882	-	1202	330	-
	1967	4935	1019	33	2023	359	8
	1968	5104	1375	31	2016	381	9
	1969	1781	1932	45	614	628	16
	1970	2153	2369	37	674	777	12
NEPAL	1969	928	539	324	129	84	28
PAKISTAN	1969	1919	35815	7397	102	8668	1819
PHILIPPINES	1962	14212	47028	308	101	101	101
	1966	18431	54874	454	101	101	101
	1968	14087	81410	720	10170	51225	377
	1967	11830	83353	1015	6764	49275	506
	1968	10761	80164	1061	8334	50710	654
	1969	-	-	-	-	-	-
SAUDI ARABIA	1960	-	110	-	-	-	-
	1965	-	524	-	-	5	-
	1966	-	387	-	-	7	-
	1967	-	528	-	-	5	-
	1968	-	612	22	-	10	-
	1969	-	798	10	-	15	-
	1970	-	821	12	-	27	-
SINGAPORE	1961	818	837	12	381	224	3
	1965	1402	1344	17	545	367	6
	1966	2309	1695	27	1191	435	3
	1967	2361	1457	-	1247	495	-
	1968	1591	1999	27	813	666	7
	1969	1578	2135	35	666	732	10
	1970	1581	2308	57	445	855	14
	1971	-	-	-	-	-	-

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
SRI LANKA	1960	"	639	"	"	111	"
	1965	"	3056	"	"	823	"
	1966	"	3522	"	"	1076	"
	1967	"	4614	"	"	1721	"
	1968	"	4517	"	"	1953	"
	1969	"	3844	"	"	1718	"
SYRIA	1961	77	1543	177	77	273	31
	1965	55	2250	153	55	342	43
	1966	49	2990	147	49	473	35
	1967	78	3223	173	78	533	49
	1968	109	3261	231	109	571	63
	1969	126	2540	197	126	455	53
	1970	294	2942	163	299	482	53
THAILAND	1961	1227	3337	105	111	111	111
	1966	1692	4829	389	757	1823	156
	1967	1715	5175	473	759	2040	237
	1969	1503	7690	824	808	3469	345
	1970	1803	9806	933	887	4408	392
TURKEY	1960	"	6838	111	"	1357	111
	1965	"	10611	111	"	2484	111
	1966	"	12727	111	"	2829	111
	1967	"	15877	111	"	3128	111
	1968	"	16354	111	"	3068	111
	1969	"	20191	180	"	3637	58
	1970	"	22856	111	"	4616	111
VIETNAM, REP. OF	1960	"	534	10	"	119	"
	1966	77	1657	101	15	371	5
	1967	350	1884	124	133	440	7
	1968	470	2020	152	200	474	8

#### NOTES

1. Public universities only: the number of students enrolled represents 50% of total enrolment.
2. Universities and equivalent institutions only.
3. From 1967 data refer to the east bank only.

1. Universités publiques seulement: les effectifs inscrits représentent 50% de l'effectif total.
2. Universités et établissements équivalents seulement.
3. A partir de 1967 les données se réfèrent à la rive orientale seulement.

**Table/Tableau 4.5 Distribution of graduates by level of degree or diploma and by field of study**  
**Répartition des diplômes selon le niveau du diplôme obtenu et par branches d'études**

A - Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire

B - First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents

C - Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex	Level	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe	Niveau		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiées
AFGHANISTAN	1961	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	500	69	-	-	60	29	34	6	73	29	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	14	11	-	-	-	-	3	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	611	62	58	-	93	43	23	32	72	28	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	84	13	31	-	8	9	5	-	20	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1969	MF	A	90	-	68	-	-	22	-	-	-	-	-
			B	638	142	115	-	137	39	51	52	73	29	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	16	-	15	-	-	1	-	-	-	-	-
			B	117	33	37	-	23	3	9	1	11	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
BAHRAIN	1970	MF	A	120	-	120	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	65	-	65	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
BANGLADESH	1970	MF	A	273	76	104	-	-	93	-	-	-	-	-
			B	62628	31172	1420	41	1336	17719	9806	415	488	231	-
			C	3429	1990	218	-	-	289	869	12	10	41	-
		F	A	44	12	28	-	-	4	-	-	-	-	-
			B	3123	3959	323	4	6	82	665	1	83	-	-
			C	597	497	32	-	-	-	68	-	-	-	-
CYPRUS	1965	MF	A	59	-	40	-	-	-	-	-	7	12	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	16	-	11	-	-	-	-	-	5	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	228	-	84	-	-	7	-	66	67	4	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	100	-	47	-	-	6	-	3	44	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres	Enseignement	Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
HONG KONG	1961	MF	A	971	13	958	-	-	-	-	-	-	-	-
			B	293	174	-	7	-	6	49	17	40	-	-
			C	85	2	59	-	-	5	19	-	-	-	-
	1966	MF	A	1330	10	1045	-	-	73	-	202	-	-	-
			B	991	402	-	25	-	210	219	57	78	-	-
			C	134	49	50	-	-	16	10	3	26	-	-
	1970	MF	A	2056	8	1422	-	-	172	20	1034	-	-	-
			B	1223	363	-	55	-	312	246	131	118	-	-
			C	191	39	117	1	-	15	11	6	12	-	-
		F	A	1006	4	959	-	-	30	2	11	-	-	-
			B	405	184	-	16	-	131	49	-	27	-	-
			C	68	7	54	-	-	5	2	-	-	-	-
INDIA	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	150437	43014	18608	175	7083	15635	100	7457	4726	3523	216
			C	28001	23696	528	16	79	2506	100	543	544	673	16
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	31057	22299	5620	123	180	1848	100	18	933	23	13
			C	5420	5116	169	10	5	67	100	1	50	1	1
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	212025	90138	27245	870	8827	19495	40770	12538	6144	6000	-
			C	50449	29775	2980	143	283	4430	8093	1027	2461	1273	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	51852	31405	9549	478	363	344	8154	76	1461	20	-
			C	12065	6568	1260	75	7	194	1330	28	580	17	-
	1966	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	239131	104063	29244	878	8760	21642	49931	11222	6294	7117	-
			C	48736	30266	1022	53	361	3962	8812	685	2279	1296	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	60704	37501	9580	360	341	440	10837	76	1549	20	-
			C	11874	9199	341	27	7	49	1667	3	565	16	-
INDONESIA <sup>2</sup>	1971	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	9200	220	3030	3	890	2040	80	300	570	1470	-
			C	4170	90	1140	1	680	880	60	220	850	250	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	2240	70	920	3	180	440	30	360	270	270	-
			C	880	30	290	1	220	130	20	10	160	20	-
IRAN	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	5272	1434	619	64	290	346	342	614	1282	281	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1150	417	89	8	31	84	62	25	403	11	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	5750	1716	150	142	-	415	447	1856	710	314	-
			B	10713	2333	357	426	310	2986	1664	1252	951	434	-
			C	681	135	121	6	30	232	55	21	63	18	-
		F	A	1089	588	47	28	-	123	119	125	650	9	-
			B	2865	1042	75	145	42	718	497	73	232	39	-
			C	144	33	34	3	4	33	16	-	19	2	-



Country	Year		Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sau/Sans Level/Niveau		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
IRAN	1960	MF	A	-	-	-	-	-	-	-	-	-	-
			B	1713	425	274	153	144	103	223	208	124	59
			C	-	-	-	-	-	-	-	-	-	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	413	204	99	8	21	26	-	55	-	-
			C	-	-	-	-	-	-	-	-	-	-
	1964	MF	A	-	-	-	-	-	-	-	-	-	-
			B	2336	454	340	347	459	104	199	287	90	28
			C	13	10	-	-	-	2	1	-	-	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	765	183	129	50	38	44	16	113	4	-
			C	2	2	-	-	-	-	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-
			B	7635	3529	111	31	607	1250	1180	668	370	-
			C	144	60	111	-	3	43	-	27	11	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1755	1020	111	5	34	458	52	175	13	-
			C	43	17	111	-	-	15	-	13	-	-
ISRAEL <sup>5</sup>	1960	MF	A	-	-	-	-	-	-	-	-	-	-
			B	1276	241	-	4	69	65	520	72	68	-
			C	450	29	-	-	76	14	177	9	33	56
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	250	121	-	-	16	37	17	13	5	-
			C	117	11	-	-	16	2	87	4	3	14
	1965	MF	A	-	-	-	-	-	-	-	-	-	-
			B	2133	370	-	43	197	386	391	78	66	-
			C	567	80	-	1	-	15	68	40	33	-
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	641	289	-	12	38	116	5	15	3	-
			C	153	23	-	-	-	4	105	18	3	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-
			B	4091	1435	-	66	296	1187	753	132	88	-
			C	1730	741	-	5	14	195	538	153	45	69
	F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1998	1003	-	28	74	486	37	35	7	-
			C	732	501	-	1	5	55	142	11	7	-
JAPAN	1960	MF	A	31225	5584	2571	963	296	18407	58	2651	142	573
			B	120254	10244	10080	1934	13742	39472	5223	16339	6853	6119
			C	3553	920	109	-	283	440	575	492	491	225
	F	A	21563	4496	2421	716	56	13368	58	34	142	70	-
			B	16545	5350	4956	1047	299	2565	335	50	1862	61
			C	440	131	16	-	14	20	39	3	9	8
	1966	MF	A	57408	11524	5486	1889	428	31327	79	5612	167	632
			B	181585	21937	15627	3369	16403	65884	5437	34006	7834	8507
			C	8564	1144	221	157	277	973	1190	2454	1457	491
	F	A	42817	10687	4742	1657	170	25050	79	165	167	83	17
			B	30345	11147	7392	2061	510	5232	715	140	2609	251
			C	637	229	55	49	19	86	98	14	71	18
	1970	MF	A	122762	22327	19632	5602	-	54965	78	12841	2208	1476
			B	242047	32266	18993	5135	-	108917	7209	48481	10141	9072
			C	12567	1473	339	173	-	1756	1693	4481	1755	895
	F	A	100472	21632	19214	5193	-	48785	70	358	1951	221	2848
			B	49204	19002	9908	3604	-	10086	1031	245	4114	486
			C	947	334	71	69	-	173	128	18	129	25

Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
JORDAN	1962	MF	A	326	-	307	-	-	-	-	-	-	19	-
		F	A	96	-	96	-	-	-	-	-	-	-	-
	1963	MF	A	364	30	672	-	-	-	-	-	-	-	62
			B	39	39	3	-	-	15	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	148	-	122	-	-	-	-	-	-	-	26
			B	11	9	-	-	-	2	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	725	-	362	-	-	76	-	32	55	-	-
			B	623	208	-	-	-	340	75	-	-	-	-
			C	31	-	31	-	-	-	-	-	-	-	-
		F	A	192	-	143	-	-	8	-	-	39	-	-
			B	149	61	-	-	-	68	20	-	-	-	-
			C	2	-	2	-	-	-	-	-	-	-	-
KOREA, REP. OF	1961	MF	A	1874	318	94	357	97	645	140	13	-	10	-
			B	16034	2851	506	398	2318	4835	1223	1496	2165	847	-
			C	628	238	17	4	102	94	31	13	86	8	35
	1963	MF	A	11363	680	3307	624	-	1648	1239	1703	783	1161	-
			B	22338	3262	1654	950	1833	6282	1628	3331	1945	1628	-
			C	1478	252	31	23	173	389	113	161	269	63	-
		F	A	3635	636	1610	496	-	734	1239	133	666	95	-
			B	3310	1333	1011	703	60	663	634	55	716	130	-
			C	126	45	9	12	3	9	24	4	20	-	-
	1970	MF	A	12007	79	3260	498	-	321	377	2619	1409	1444	-
			B	27400	3492	2634	1191	1299	6894	2300	5431	2164	2530	-
			C	2020	214	303	54	58	635	113	148	394	101	-
		F	A	3678	69	3064	424	-	151	335	76	1344	10	-
			B	6625	1422	1514	848	99	609	1269	57	792	215	-
			C	253	32	78	38	1	14	28	2	56	4	-
KUWAIT	1970	MF	A	29	-	11	-	-	18	-	-	-	-	-
			B	333	69	106	-	22	105	35	-	-	-	-
			C	5	-	-	-	-	-	5	-	-	-	-
		F	A	8	-	5	-	-	3	-	-	-	-	-
			B	181	49	74	-	7	38	15	-	-	-	-
			C	1	-	-	-	-	-	1	-	-	-	-
LAOS	1965	MF	A	13	-	-	-	-	-	-	-	13	-	-
			B	18	-	-	-	18	11	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1971	MF	A	76	-	20	-	21	11	-	-	29	-	-
			B	18	-	-	-	18	11	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	19	-	11	-	1	11	-	-	7	-	-
			B	4	-	-	-	4	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Scote	Level/Niveau	Total	Humanities	Education	Fine arts...	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
LEBANON	1961	MF	A	93	-	20	-	-	-	-	-	73	-	-
			B	1444	228	66	15	242	308	135	160	244	46	-
			C	152	31	27	-	-	67	19	-	1	27	-
	1965	MF	A	401	32	80	67	-	20	108	44	50	-	-
			B	1549	326	48	14	407	166	137	99	133	19	-
			C	105	42	-	-	17	6	11	5	2	22	-
		F	A	244	16	70	67	-	-	21	21	43	-	-
			B	304	89	35	11	81	35	28	-	25	-	-
			C	19	16	-	-	1	-	2	-	-	-	-
	1969	MF	A	364	21	*165	-	-	79	44	-	35	-	-
			B	3055	1569	275	97	391	776	250	125	166	26	-
			C	418	107	21	-	20	10	16	7	8	39	-
		F	A	252	19	*150	-	-	7	23	-	33	-	-
			B	776	390	115	20	48	99	63	1	36	4	-
			C	115	51	56	-	2	1	1	-	2	2	-
MALAYSIA SABAWAK	1965	MF	A	108	-	108	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	40	-	40	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	206	-	206	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	58	-	58	-	-	-	-	-	-	-	-
			B	-	-	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
WEST MALAYSIA	1965	MF	A	2122	-	1932	-	-	-	-	-	-	36	-
			B	674	342	115	-	-	-	159	33	-	25	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	656	-	*645	-	-	-	-	11	-	-	-
			B	237	129	74	-	-	-	32	2	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	2153	-	1438	16	-	207	-	239	-	195	58
			B	2569	840	385	-	-	362	556	79	94	53	-
			C	37	13	5	-	-	2	10	2	-	5	-
		F	A	680	-	539	9	-	90	-	20	-	22	-
			B	777	365	221	-	-	66	108	-	14	3	-
			C	6	3	-	-	-	2	1	-	-	-	-
NEPAL <sup>D</sup>	1969	MF	A	928	427	25	-	-	266	210	-	-	-	-
			B	559	198	31	-	40	97	173	-	-	-	-
			C	524	244	49	-	-	2	29	-	-	-	-
		F	A	129	100	3	-	-	8	18	-	-	-	-
			B	84	40	5	-	-	4	37	-	-	-	-
			C	28	27	1	-	-	-	-	-	-	-	-
PAKISTAN	1969	MF	A	1919	364	-	-	-	205	-	-	-	1350	-
			B	35815	20084	4174	-	1823	2889	4269	1169	930	477	-
			C	7397	5038	376	16	-	246	1677	-	56	188	-
		F	A	102	95	-	-	-	7	-	-	-	-	-
			B	8068	5607	1698	-	14	243	902	-	204	-	-
			C	1819	1231	68	5	-	20	479	-	16	-	-

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres	Enseignement	Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
PHILIPPINES	1962	MF	A	14212	749	6384	58	-	4141	31	834	1897	118	-
			B	47028	3471	20763	585	2266	10781	742	2926	4586	908	-
			C	308	83	117	1	9	62	7	19	8	2	-
	1966	MF	A	14087	435	6338	48	17	4371	98	1376	1350	94	-
			B	81416	5487	43881	566	1398	13431	2692	5127	5427	1407	-
			C	720	112	294	3	6	165	70	19	51	-	-
		F	A	10170	123	5398	54	5	3204	30	39	1330	7	-
			B	51423	2779	35133	176	167	6991	1407	433	3961	174	-
			C	377	70	135	3	-	70	38	1	40	-	-
	1968	MF	A	10761	409	89	20	42	7615	35	1430	1089	32	-
			B	80164	5238	42730	650	1164	20162	1717	4232	3137	1154	-
			C	1061	290	180	1	8	264	56	14	25	59	158
		F	A	8334	217	89	10	2	6876	21	52	1062	5	-
			B	50716	2570	35027	169	125	9275	827	250	2360	113	-
			C	654	207	121	-	1	124	42	2	22	9	106
SAUDI ARABIA	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	110	35	-	-	75	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	524	127	65	-	281	46	20	-	7	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	5	5	-	-	-	-	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	621	208	86	-	323	79	60	34	15	16	-
			C	12	-	-	-	12	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	27	16	-	-	-	2	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
SINGAPORE	1967	MF	A	818	-	747	-	-	-	-	71	-	-	-
			B	857	270	136	-	22	70	219	19	201	-	-
			C	12	2	-	-	1	-	7	-	2	-	-
		F	A	381	-	381	-	-	-	-	-	-	-	-
			B	224	85	64	-	4	7	43	-	21	-	-
			C	3	1	-	-	1	-	1	-	-	-	-
	1965	MF	A	1402	114	1044	-	-	42	11	191	-	-	-
			B	1544	285	147	-	75	230	383	63	173	3	-
			C	17	4	2	-	1	-	7	-	3	-	-
		F	A	545	50	474	-	15	10	4	-	38	-	-
			B	567	104	80	-	1	46	82	-	-	-	-
			C	6	2	-	-	-	-	3	-	-	-	-
	1970	MF	A	1361	-	654	21	-	-	-	638	-	-	68
			B	2308	458	259	12	79	357	649	112	178	4	-
			C	57	5	5	-	6	6	12	6	17	-	-
		F	A	445	-	414	3	-	167	-	28	-	-	-
			B	853	229	179	3	12	2	204	2	56	1	-
			C	14	4	-	-	-	2	3	-	5	-	-



Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
SRI LANKA	1960	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	639	359	"	"	8	"	136	30	88	4	12
			C	"	"	"	"	"	"	"	"	"	"	"
	1965	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	3058	2404	"	"	25	75	208	86	220	40	"
			C	"	"	"	"	"	"	"	"	"	"	"
	F	A	B	823	682	"	"	4	16	49	1	67	4	"
			C	"	"	"	"	"	"	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1969	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	3844	2781	131	"	58	"	324	206	307	37	"
			C	"	"	"	"	"	"	"	"	"	"	"
	F	A	B	1718	1456	28	"	11	"	109	4	104	6	"
			C	"	"	"	"	"	"	"	"	"	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
SYRIA	1961	MF	A	77	"	"	"	"	"	"	"	77	"	"
			B	1545	452	72	"	652	156	94	30	89	"	"
			C	177	"	177	"	"	"	"	"	"	"	"
	F	A	B	77	"	"	"	"	"	"	"	77	"	"
			C	273	121	35	"	58	31	22	3	5	"	"
			C	51	"	31	"	"	"	"	"	"	"	"
	1965	MF	A	55	"	"	"	"	"	"	"	55	"	"
			B	2256	495	"	37	679	415	125	249	147	109	"
			C	153	"	153	"	"	"	"	"	"	"	"
	F	A	B	55	"	"	"	"	"	"	"	55	"	"
			C	542	100	"	18	65	93	17	17	27	5	"
			C	43	"	43	"	"	"	"	"	"	"	"
	1970	MF	A	299	"	"	"	"	"	"	"	299	"	"
			B	2942	828	"	57	499	437	384	223	396	118	"
			C	163	"	163	"	"	"	"	"	"	"	"
	F	A	B	299	"	"	"	"	"	"	"	299	"	"
			C	482	218	"	6	39	67	72	6	67	5	"
			C	53	"	53	"	"	"	"	"	"	"	"
THAILAND	1961	MF	A	1227	41	315	108	"	65	253	54	178	215	"
			B	3537	161	781	63	550	852	165	234	359	172	"
			C	105	5	2	"	1	37	4	23	33	"	"
	1966	MF	A	1692	49	234	119	242	425	24	6	319	274	"
			B	4829	210	1281	87	510	1199	127	329	563	270	253
			C	589	7	79	"	"	40	16	39	182	26	"
	F	A	B	757	34	124	54	4	218	10	"	252	81	"
			C	1823	184	667	16	59	576	37	7	214	63	"
			C	156	6	41	"	"	1	12	"	93	3	"
	1970	MF	A	1803	37	189	195	239	302	19	232	397	1	192
			B	9806	722	2631	160	734	2537	379	569	1290	607	177
			C	935	6	336	"	"	266	56	76	173	22	"
	F	A	B	757	23	117	55	32	157	7	8	380	"	"
			C	4538	614	1417	44	106	1433	211	7	576	130	"
			C	392	6	175	"	"	97	33	2	70	11	"

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
TURKEY	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	6858	236	906	187	781	2094	243	1096	792	503	-
			C	100	100	100	100	100	100	100	100	100	100	100
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1357	116	234	40	128	460	63	44	193	79	-
			C	100	100	100	100	100	100	100	100	100	100	100
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	10611	923	2457	164	816	2972	427	1129	1084	639	-
			C	100	100	100	100	100	100	100	100	100	100	100
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	2486	406	864	43	157	387	144	81	339	63	-
			C	100	100	100	100	100	100	100	100	100	100	100
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	22656	1908	2691	184	1975	7408	2081	3797	2134	680	-
			C	100	100	100	100	100	100	100	100	100	100	100
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	4416	597	975	78	390	1008	301	340	694	33	-
			C	100	100	100	100	100	100	100	100	100	100	100
VIETNAM, REP. OF	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	534	43	177	35	101	-	21	63	96	-	-
			C	18	-	-	-	18	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	119	7	53	7	14	-	6	1	31	-	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1966	MF	A	77	-	-	-	-	77	-	-	-	-	-
			B	1637	236	297	31	288	104	125	84	412	80	-
			C	101	4	-	-	40	54	3	-	-	-	-
		F	A	15	-	-	-	-	15	-	-	-	-	-
			B	571	52	70	5	54	14	22	-	154	-	-
			C	5	1	-	-	3	1	-	-	-	-	-
	1968	MF	A	470	-	342	-	-	128	-	-	-	-	-
			B	2026	282	221	73	406	110	200	80	579	75	-
			C	152	12	-	-	74	55	11	-	-	-	-
		F	A	200	-	169	-	-	31	-	-	-	-	-
			B	474	90	40	8	78	12	48	-	193	5	-
			C	8	-	-	-	6	1	1	-	-	-	-

#### NOTES

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| <ol style="list-style-type: none"> <li>1. Natural sciences are included with humanities.</li> <li>2. Public universities only: the number of students enrolled represents 50% of total enrolment.</li> <li>3. Architecture is included with engineering.</li> <li>4. Education and social sciences are included with humanities.</li> <li>5. Universities and equivalent institutions only.</li> <li>6. Social sciences and law are counted together.</li> <li>7. Data refer to the east bank only.</li> <li>8. Social sciences are included with humanities.</li> <li>9. Fine arts are included with humanities.</li> </ol> | <ol style="list-style-type: none"> <li>1. Les sciences exactes et naturelles sont classées avec les lettres.</li> <li>2. Universités publiques seulement: les effectifs inscrits représentent 50% de l'effectif total.</li> <li>3. L'architecture est classée avec les sciences de l'ingénieur.</li> <li>4. L'éducation et les sciences sociales sont classées avec les lettres.</li> <li>5. Universités et établissements équivalents seulement.</li> <li>6. Les sciences sociales et le droit sont classés ensemble.</li> <li>7. Les données se réfèrent à la rive orientale seulement.</li> <li>8. Les sciences sociales sont classées avec les lettres.</li> <li>9. Les beaux-arts sont classés avec les lettres.</li> </ol> |
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5. EUROPE AND U.S.S.R./EUROPE ET URSS

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NOTES

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following list.

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après :

Albanie	Albania	Espagne	Spain	Pays-Bas	Netherlands	Saint-Siège	Holy See
République	German	Finlande	Finland	Pologne	Poland	Suède	Sweden
démocratique	Democratic	France	France	Portugal	Portugal	Suisse	Switzerland
allemande	Republic	Grèce	Greece	Roumanie	Romania	Tchécoslovaquie	Czechoslovakia
République	Germany,	Hongrie	Hungary	Royaume-	United	Yougoslavie	Yugoslavia
fédérale	Federal	Irlande	Ireland	Uni	Kingdom	URSS	U.S.S.R.
d'Allemagne	Republic of	Islande	Iceland	Angleterre et	England	RSS de Biélorussie	Byelorussian
Autriche	Austria	Italie	Italy	Pays de Galles	and Wales	Biélorussie	S.S.R.
Belgique	Belgium	Luxembourg	Luxembourg	Ecosse	Scotland	RSS	Ukrainian
Bulgarie	Bulgaria	Malte	Malta	Irlande	Northern	d'Ukraine	S.S.R.
Danemark	Denmark	Norvège	Norway	du Nord	Ireland		

The Statistical study was already with the printers when the Ministry of Higher Education of the German Democratic Republic informed us that the statistical data which had been sent until now referred exclusively to universities and equivalent institutions. Data referring to higher technical training schools (Fachschulen, 164,000 students in 1970/1971) are therefore not given in this report. For information on this subject, reference should be made to the 1974 edition of the *Unesco Statistical Yearbook*.

L'étude était déjà sous presse lorsque le ministère de l'Enseignement supérieur de la République démocratique allemande nous a fait savoir que les données statistiques communiquées jusqu'à présent se référaient exclusivement aux universités et établissements équivalents. Les données se rapportant aux écoles d'enseignement technique supérieur (Fachschulen, 164.000 étudiants en 1970/71) ne figurent donc pas dans le présent rapport. Voir à ce sujet l'*Annuaire statistique de l'Unesco*, 1974.



Table/Tableau 5.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country Pays	Year Année	Total		Universities and equivalent institutions Universités et établis- sements équivalents		Non-university teacher training Enseignement normal non universitaire		Other non-university institutions Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
ALBANIA	TEACHERS	1960	562	51	...	...	...	...	...
		1965	517	87	440	68	77	19	...
		1966	472	76	382	59	65	11	25
		1967	606	59	517	45	57	7	32
		1968	614	87	506	72	75	9	33
		1969	827	130	...	...	...	...	...
		1970	926	135	...	...	...	...	...
	STUDENTS	1960	6703	1114	5299	809	1339	294	65
		1965	12761	2786	9046	1584	3428	1139	287
		1966	11361	2581	8223	1590	2867	931	271
		1967	12435	3188	9686	2185	2510	943	239
		1968	10649	4942	12582	3192	2305	963	1762
		1969	23180	7520	15353	4162	6042	2930	1785
		1970	25469	8275	16402	4633	6179	1877	2888
AUSTRIA	TEACHERS	1960	4971	282	2971	282	-	-	-
		1965	4736	594	4565	522	26	10	145
		1966	4973	589	4808	523	27	11	138
		1967	5561	670	5377	593	30	12	154
		1968	6334	819	5730	643	445	112	159
		1969	6445	757	6162	671	283	86	...
		1970	6980	832	6671	743	309	89	...
	STUDENTS	1960	38533	8865	38533	8865	-	-	-
		1965	49319	11992	48895	11668	298	198	126
		1966	49551	12385	48965	11965	436	337	150
		1967	53737	13303	52846	12572	724	575	167
		1968	52527	14142	49551	12005	2833	2009	143
		1969	56290	16287	50847	12544	3280	3610	163
		1970	59778	17547	53152	13269	6451	4138	175
BELGIUM	STUDENTS	1960	52002	13734	30692	5855	9263	5268	12047
		1965	84000	27523	48800	11688	9689	6622	25511
		1966	91551	30319	53792	13354	8297	5738	29462
		1967	101211	35743	59172	15420	7754	5624	36285
		1968	111879	39942	64779	17405	6163	4156	40937
		1969	*122134	*43958	69634	19258	*3500	*3700	*47000
		1970	*133606	*48683	75106	21483	*3500	*3700	*33000
									*23500
BULGARIA	TEACHERS	1960	4243	...	3883	...	251	...	109
		1965	6538	1661	5905	1421	512	199	121
		1966	6647	1614	6156	1425	419	*169	72
		1967	6893	1734	6342	1513	437	*190	94
		1968	6998	1720	6628	1479	461	*206	109
		1969	7191	1830	6657	1607	429	*190	105
		1970	7680	2006	7125	1752	406	188	149
	STUDENTS	1960	61152	24692	34965	21834	4203	*2178	1984
		1965	100102	43427	84467	34045	12207	8563	3628
		1966	92807	41391	82573	34164	8464	*5847	1770
		1967	91691	42569	81489	33403	8141	*5616	2061
		1968	90024	43199	80248	36361	7339	*5100	2437
		1969	95706	46458	85675	39753	7433	*4980	2598
		1970	99596	50445	89331	43508	6921	4771	3344
CZECHOSLOVAKIA	TEACHERS	1960	10504	*1800	10504	1800	-	-	-
		1965	18576	3671	18576	3671	-	-	-
		1966	18757	3577	18757	3577	-	-	-
		1967	19432	3737	19232	3737	-	-	-
		1968	20146	4004	20146	4004	-	-	-
		1969	16856	3486	16856	3486	-	-	-
		1970	16402	3321	16402	3321	-	-	-

Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays		Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
			MF	F	MF	F	MF	F	MF	F
CZECHOSLOVAKIA	STUDENTS	1960	94060	52026	94040	52026	-	-	-	-
		1965	144990	55329	144990	55329	-	-	-	-
		1966	142373	54596	142373	54596	-	-	-	-
		1967	137497	51900	137497	51900	-	-	-	-
		1968	137654	51814	137654	51814	-	-	-	-
		1969	133524	50222	133524	50222	-	-	-	-
		1970	131099	49678	131099	49678	-	-	-	-
DENMARK	STUDENTS	1960	37482	9833	14862	3729	7741	4080	8879	2024
		1965	51803	18192	30450	9298	11056	6207	10297	2687
		1966	50216	19919	33805	10518	11847	6612	10564	2789
		1967	61094	22079	37046	11897	12365	6903	11683	3279
		1968	68559	25976	39705	12420	15701	9736	13153	3820
		1969	72645	26988	42429	15272	15716	9729	14500	3987
		1970	76024	27895	45764	14810	15371	9021	14889	4058
FINLAND	TEACHERS	1960	2496	*308	2283	*220	213	88	-	-
		1965	3908	591	3668	448	240	143	-	-
		1966	4499	764	3997	556	437	179	65	20
		1967	5023	848	4557	625	397	190	89	33
		1968	5470	899	4949	677	400	177	121	45
		1969	5695	963	5166	729	425	189	104	45
		1970	6267	1194	5749	937	403	199	115	58
	STUDENTS	1960	23552	10895	22517	10369	1035	526	-	-
		1965	38775	19193	37395	18319	1380	874	-	-
		1966	46289	23080	44265	21628	1493	971	531	481
		1967	51775	*25505	49967	*24180	1334	912	474	413
		1968	54886	28865	52936	25378	1426	1015	524	472
		1969	58444	28437	56471	26924	1320	920	653	593
		1970	59769	28916	57739	27391	1364	920	666	605
	TEACHERS	1960	...	...	8078	...	...	...	...	...
		1965	...	...	18538	...	...	...	...	...
		1967	...	...	23313	...	...	...	...	...
		1968	...	...	27874	...	...	...	...	...
		1969	...	...	31298	...	...	...	...	...
		1970	...	...	35679	...	...	...	...	...
	STUDENTS	1960	...	...	214672	86936	...	...	68662	...
		1965	...	...	413756	173398	...	...	116268	29461
		1966	...	...	438409	198698	...	...	121497	...
		1967	...	...	509898	221447	...	...	143472	...
		1968	...	...	586466	...	...	...	150513	...
		1969	...	...	625551	...	...	...	...	...
		1970	...	...	661156	...	...	...	...	...
		1970	...	...	...	...	...	...	...	...
GERMAN DEMOCRATIC REP.	TEACHERS	1966	14200	...	14200	...	-	-	-	-
		1969	17015	...	17015	...	-	-	-	-
	STUDENTS	1960	101773	25398	101773	25398	-	-	-	-
		1965	104791	28377	104791	28377	-	-	-	-
		1966	106422	29024	106422	29024	-	-	-	-
		1967	106536	31071	106536	31071	-	-	-	-
		1968	110581	33079	110580	33079	-	-	-	-
		1969	122790	41661	122790	41661	-	-	-	-
		1970	138541	49354	138541	49354	-	-	-	-
		1970	...	...	...	...	...	...	...	...
	TEACHERS	1960	23663	1724	17400	1037	2801	655	3462	32
		1966	30500	3184	26654	2061	5846	983	*6000	*140
		1967	37339	3110	26654	2061	3679	887	7006	162
		1968	...	...	...	...	3633	869	7878	198
		1969	...	...	...	...	4098	989	8112	175
		1970	...	...	...	...	4190	1011	8581	179
		1970	...	...	...	...	...	...	...	...
		1970	...	...	...	...	...	...	...	...
GERMANY, FEDERAL REP., OF <sup>2</sup>	TEACHERS	1960	23663	1724	17400	1037	2801	655	3462	32
		1966	30500	3184	26654	2061	5846	983	*6000	*140
		1967	37339	3110	26654	2061	3679	887	7006	162
		1968	...	...	...	...	3633	869	7878	198
		1969	...	...	...	...	4098	989	8112	175
		1970	...	...	...	...	4190	1011	8581	179

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
GERMANY, FEDERAL REP. OF	STUDENTS	1960	201226	66382	205979	41704	33061	20452	52186
		1965	373090	88193	253201	52109	50561	51680	69337
		1966	406831	106612	281339	60077	54794	35988	70698
		1967	416384	114474	285969	69800	59711	34934	70704
		1968	430904	115165	304213	73990	54150	36205	72541
		1969	460765	121400	323498	79035	57870	37193	79397
		1970	503819	135317	352131	84092	63387	40332	88301
GREECE	TEACHERS	1960	926	66	705	2	221	64	"
		1965	1192	153	903	63	289	90	"
		1966	2341	483	2246	386	295	97	"
		1967	2327	501	2006	390	321	111	"
		1968	2365	557	2072	457	293	100	"
		1969	3019	852	2693	738	326	114	"
		1970	3483	1035	3162	916	321	119	"
	STUDENTS	1960	28302	7202	25658	5905	2644	1297	"
		1965	58000	18511	54261	16524	3739	1987	"
		1966	64591	21273	60624	19358	3967	1915	"
		1967	73438	23902	68236	21469	5202	2433	"
		1968	74962	24320	71325	22525	3637	1795	"
		1969	76181	24610	72616	22821	3565	1789	"
		1970	76198	24279	72269	22382	3929	1897	"
HOLY SEE	TEACHERS	1967	896	4	896	4	"	"	"
		1968	930	3	930	3	"	"	"
		1969	964	6	964	6	"	"	"
		1970	978	7	978	7	"	"	"
	STUDENTS	1961	6662	"	6662	"	"	"	"
		1965	7976	1120	7976	1120	"	"	"
		1966	8392	1232	8392	1232	"	"	"
		1967	7725	372	7725	372	"	"	"
		1968	8071	567	8071	567	"	"	"
		1969	8759	762	8759	762	"	"	"
		1970	8128	1207	8128	1207	"	"	"
HUNGARY	TEACHERS	1960	5635	"	"	"	"	"	"
		1965	8444	1725	7135	1463	371	108	938
		1966	8889	1818	7324	1508	339	97	1226
		1967	8996	1865	7389	1517	338	100	1269
		1968	9230	1958	7560	1596	328	99	1342
		1969	9413	1995	7577	1588	351	108	1485
		1970	9791	2200	7924	1754	343	115	1524
	STUDENTS	1960	44585	14718	42186	12722	2399	1996	"
		1965	93957	36723	69240	28672	4569	4083	20148
		1966	89344	35861	"	"	"	"	3968
		1967	83938	34452	60465	26310	3523	3122	19950
		1968	78727	32871	55676	24215	3803	3402	19248
		1969	78889	33211	54208	23543	4211	3831	20470
		1970	80536	34432	54627	23957	4921	4341	20988
ICELAND	TEACHERS	1960	88	"	88	"	"	"	"
		1965	122	"	122	"	"	"	"
		1966	124	4	124	4	"	"	"
		1967	129	4	129	4	"	"	"
		1968	150	6	150	6	"	"	"
		1969	189	11	189	11	"	"	"
		1970	237	20	237	20	"	"	"
	STUDENTS	1960	791	168	791	168	"	"	"
		1965	1117	"	1117	"	"	"	"
		1966	1221	"	1221	"	"	"	"
		1967	1292	"	1292	"	"	"	"
		1968	1302	323	1302	323	"	"	"
		1969	1394	332	1394	332	"	"	"
		1970	1706	422	1706	422	"	"	"

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
		Année		Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
IRELAND	TEACHERS	1960	...	...	844	122	...	...	...
		1965	...	...	1318	186	...	...	...
	STUDENTS	1960	12789	3821	11657	2905	1132	910	...
		1965	21811	6640	17404	5073	1732	1232	2675
		1966	23102	6929	18240	5307	1779	1231	3083
		1967	*23960	*7660	*19000	*6000	1893	1269	3066
		1968	*25660	*8390	*21000	*6800	1855	1290	*2805
		1969	26966	9200	21455	7119	2114	1423	3397
		1970	28501	9767	22225	7543	2100	1416	4176
		1960	17171	950	17171	950	-	-	...
		1965	20053	1556	26053	1556	-	-	...
		1966	27233	1722	27233	1722	-	-	...
		1967	30925	...	30925	...	-	-	...
		1968	42048	...	42048	...	-	-	...
		1969	44171	...	44171	...	-	-	...
		1970	44171	...	44171	...	-	-	...
ITALY	TEACHERS	1960	17171	950	17171	950	-	-	...
		1965	20053	1556	26053	1556	-	-	...
		1966	27233	1722	27233	1722	-	-	...
		1967	30925	...	30925	...	-	-	...
		1968	42048	...	42048	...	-	-	...
		1969	44171	...	44171	...	-	-	...
		1970	44171	...	44171	...	-	-	...
		1960	269845	72947	268181	72229	-	-	1664
		1965	408045	137426	404938	135992	-	-	3157
		1966	460438	161753	456476	159912	-	-	3962
		1967	504625	182958	500215	180822	-	-	4410
		1968	554551	206080	549783	203845	-	-	4768
		1969	622416	236445	616898	233890	-	-	5518
		1970	687242	259015	681731	256489	-	-	5511
LUXEMBOURG	TEACHERS	1960	51	...	37	-	14	...	-
		1965	86	7	37	-	49	7	-
		1966	74	3	37	-	37	3	-
		1967	84	9	37	-	47	9	-
		1968	112	10	62	2	50	8	-
		1969	120	12	75	3	45	9	-
		1970	*122	*13	*76	*5	*46	*8	-
		1960	147	*46	107	*30	40	16	-
	STUDENTS	1965	616	202	361	*76	255	126	-
		1966	596	191	360	82	236	109	-
		1967	667	197	473	107	194	90	-
		1968	427	164	268	80	159	82	-
		1969	422	163	259	78	163	85	-
		1970	363	152	223	79	140	73	-
MALTA	TEACHERS	1960	98	...	68	...	30	15	-
		1965	153	...	116	...	37	...	-
		1966	219	24	188	8	31	16	-
		1967	189	31	165	8	24	23	-
		1968	223	31	174	9	49	22	-
		1969	243	34	201	12	42	22	-
		1970	...	...	178	...	...	...	-
		1960	529	200	295	26	234	174	-
	STUDENTS	1965	982	369	592	109	390	260	-
		1966	1264	413	874	153	390	260	-
		1967	1449	467	1058	206	391	261	-
		1968	1643	527	1248	262	395	263	-
		1969	1638	545	1254	291	384	254	-
		1970	1839	626	1474	356	365	270	-
NETHERLANDS	TEACHERS	1969	...	...	*10500	...	...	...	...
		1970	...	...	*11500	*1050	...	...	...
	STUDENTS	1960	100229	27259	40727	7305	38059	14379	27443
		1965	152748	38515	64409	11570	49690	19063	38649
		1966	163213	42912	71260	13031	57349	22923	34604
		1967	182044	48924	77896	14406	59911	23666	44237
		1968	200411	54588	84776	15769	64675	25210	50960
		1969	213037	58320	93594	17874	63551	25265	55892
		1970	231167	64070	103382	28338	68223	27685	59562
		1960	100229	27259	40727	7305	38059	14379	27443
		1965	152748	38515	64409	11570	49690	19063	38649
		1966	163213	42912	71260	13031	57349	22923	34604
		1967	182044	48924	77896	14406	59911	23666	44237
		1968	200411	54588	84776	15769	64675	25210	50960
		1969	213037	58320	93594	17874	63551	25265	55892
		1970	231167	64070	103382	28338	68223	27685	59562



Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
NORWAY <sup>a</sup>	TEACHERS	1960	1901	294	1226	79	675	215	-
		1965	2852	124	1978	124	876	263	-
		1966	3100	458	2189	169	911	289	-
		1967	3317	478	2446	196	871	282	-
		1968	3658	433	2500	194	889	279	1240
		1969	4922	764	2507	249	906	271	1509
		1970	5118	847	2673	298	1007	345	1438
	STUDENTS	1960	14288	4864	9254	1915	5034	2947	-
		1965	27625	9355	19638	4784	7787	4571	-
		1966	26909	9815	21001	5122	7908	4693	-
		1967	30129	10195	22259	5552	7870	4643	-
		1968	41790	12208	24115	6216	8049	4718	9626
		1969	46715	14027	27638	7563	7763	4476	11314
		1970	50047	15135	30165	8619	8028	4786	11854
POLAND	TEACHERS	1960	...	19098	4922	...	...	...	...
		1965	...	22960	6332	...	...	...	...
		1966	...	24411	6767	...	...	...	...
		1967	...	25565	7657	...	...	...	...
		1968	...	27683	8300	...	...	...	...
		1969	...	31377	9302	...	...	...	...
		1970	...	33695	9965	...	...	...	...
	STUDENTS	1960	203380	80434	165687	57541	...	...	37693
		1965	339508	156301	251866	94400	...	...	87644
		1966	368893	172689	274471	105226	...	...	94422
		1967	385712	184455	288788	114048	...	...	96924
		1968	403534	195415	305561	124324	...	...	97973
		1969	417681	205196	322464	135508	...	...	95217
		1970	397897	188734	330789	139835	...	...	67108
PORTUGAL	TEACHERS	1960	1617	166	882	96	78	657	66
		1965	2107	279	1195	191	110	802	74
		1966	2158	305	1223	204	88	847	89
		1967	2293	347	1339	215	97	857	120
		1969	2423	425	2285	387	138	...	...
		1970	2869	557	2726	511	163	46	...
	STUDENTS	1960	24236	7204	19761	6201	359	166	4116
		1965	34566	12912	28012	11281	594	310	5960
		1966	36532	14092	30056	12437	399	209	5877
		1967	39209	15808	32724	13830	562	309	5923
		1968	42560	17575	36101	15478	591	331	5868
		1969	46725	20508	39738	17969	706	426	6281
		1970	50095	22248	43191	19797	634	284	6270
ROMANIA	TEACHERS	1960	8917	2693	8917	2693	-	-	-
		1965	13038	3878	13038	3878	-	-	-
		1966	13404	3932	13404	3932	-	-	-
		1967	13792	4050	13792	4050	-	-	-
		1968	14950	4072	12950	4072	-	-	-
		1969	13166	4070	13166	4070	-	-	-
		1970	13425	3953	13425	3953	-	-	-
	STUDENTS	1960	71989	24106	71989	24106	-	-	-
		1965	130614	51360	130614	51360	-	-	-
		1966	136948	55072	136948	55072	-	-	-
		1967	141589	59363	141589	59363	-	-	-
		1968	147637	63286	147637	63286	-	-	-
		1969	151705	64656	151705	64656	-	-	-
		1970	151885	65353	151885	65353	-	-	-
SPAIN	TEACHERS	1960	4193	...	3886	...	-	-	307
		1965	7820	...	7549	...	-	-	271
		1966	9906	998	9625	920	-	-	281
		1967	10894	1161	10604	1086	-	-	290

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
SPAIN	STUDENTS 1960	87348	20512	77123	13870	-	-	10265	6642
	1965	131766	30232	125879	26651	-	-	5887	3581
	1966	145309	33505	141408	31251	-	-	3901	2254
	1967	158290	38050	154285	35491	-	-	4005	2559
	1968	178255	43239	175135	41325	-	-	3120	1914
	1969	194515	49768	192139	48432	-	-	2376	1336
	1970	217415	58957	213159	56307	-	-	4256	2650
SWEDEN	STUDENTS 1960	42024	15149	37405	12505	3271	2188	1348	458
	1965	77752	31818	68691	24927	7781	6464	1280	427
	1966	90537	37518	80353	29537	8895	7545	1289	438
	1967	109690	44960	98317	35867	10034	8521	1339	572
	1968	127438	51684	115610	42471	10053	8666	1575	565
	1969	132801	55598	119353	44768	11514	9905	1934	925
	1970	141218	59855	124765	46673	13937	11880	2516	1502
SWITZERLAND	TEACHERS 1960	2530	...	2330	...	-	-	-	-
	1965	2342	...	2342	...	-	-	-	-
	1966	2306	...	2304	83	-	-	-	-
	1967	2173	118	2773	118	-	-	-	-
	1968	3210	142	3210	142	-	-	-	-
	1969	3500	160	3500	160	-	-	-	-
	1970	3900	189	3900	189	-	-	-	-
	STUDENTS 1960	21346	3597	21346	3597	-	-	-	-
	1965	32921	6526	32921	6526	-	-	-	-
	1966	33579	6897	33579	6897	-	-	-	-
	1967	33972	7601	35972	7601	-	-	-	-
	1968	38197	8278	38197	8278	-	-	-	-
	1969	40083	8947	40083	8947	-	-	-	-
	1970	42178	9499	42178	9499	-	-	-	-
UNITED KINGDOM ENGLAND AND WALES	TEACHERS 1960	14766	...	11432	...	3334	...	...	...
	1965	28238	...	21535	2281	6703	...	...	...
	1966	31183	5365	23295	2450	7888	2915	...	...
	1967	33891	5858	26966	2638	8925	3220	...	...
	1968	35844	6205	29974	2786	9870	3419	...	...
	1969	37767	6564	27199	3006	10568	3558	...	...
	1970	38875	...	28028	...	10847	...	...	...
	STUDENTS 1960	241814	54819	102869	23736	34685	23685	104260	27400
	1965	379204	104743	156127	38828	73501	51685	149576	14230
	1966	417720	121609	176746	43727	85943	60730	181031	17146
	1967	461274	140588	183649	47956	97361	69091	180264	23541
	1968	487770	153344	194680	51708	105815	75405	187275	26231
	1969	509501	162317	203792	55102	108968	77896	196741	29319
	1970	529080	174951	218085	62127	111332	79221	199663	33603
NORTHERN IRELAND	TEACHERS 1960	676	117	500	50	135	63	41	4
	1965	860	128	617	54	189	71	54	3
	1966	904	142	674	68	184	72	46	2
	1967	1034	165	763	92	208	72	63	1
	1968	1090	175	845	95	208	79	39	1
	1969	1114	178	865	102	210	74	39	2
	1970	1164	...	893	...	216	84	55	8
	STUDENTS 1960	6109	2240	3988	952	1679	1127	442	161
	1965	8493	3118	5710	1481	2012	1599	771	238
	1966	9372	3361	6403	1632	2196	1552	773	177
	1967	10135	3661	6990	1849	2269	1584	876	228
	1968	13331	4784	7849	2630	2455	1658	3027	496
	1969	13502	4495	7997	2414	2468	1636	3037	445
	1970	13790	4841	8415	2715	2500	1681	2875	445
SCOTLAND	TEACHERS 1960	5332	...	2148	...	314	160	870	150
	1965	4710	...	3344	...	623	276	743	174
	1966	5316	...	3698	...	822	331	796	174
	1967	5753	...	4001	...	868	356	884	238
	1968	6018	...	4111	...	949	362	958	191
	1969	6266	...	4204	...	1030	388	1607	...

Country	Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions	
Pays	Année			Universités et établissements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires	
		MF	F	MF	F	MF	F	MF	F
SCOTLAND	STUDENTS	1960	50552	16073	42661	5371	5233	4242	28658
		1965	49728	19384	30363	8924	8468	7461	10897
		1966	52530	20735	32521	9688	9163	8009	10646
		1967	57019	22412	35837	10767	10242	8719	10940
		1968	59815	23396	37994	11276	11120	9242	10701
		1969	59700	24362	39755	11909	12037	9822	7998
		1970	62283	25205	42000	12600	12241	9920	8042
YUGOSLAVIA	TEACHERS	1960	10404	2081	8263	1644	743	200	1398
		1965	15760	3115	11876	2423	1321	540	2563
		1966	15715	3147	11797	2437	1342	544	2576
		1967	15950	3198	11964	2456	1412	548	2574
		1970	16783	3492	12830	2730	1394	514	2559
	STUDENTS	1960	140574	40700	108912	31235	8874	4703	22788
		1965	184923	62011	116273	37863	24516	11707	46136
		1966	195454	69463	120110	41177	28297	14441	47047
		1967	210810	78626	128240	45961	33735	18178	48835
		1968	231444	88380	147497	54367	34684	18667	49263
		1969	239701	95100	161800	61314	30086	16889	47815
		1970	261203	103011	180129	69225	24331	15867	56743
U.S.S.R.									
U.S.S.R.	TEACHERS	1965	201000	...					
	STUDENTS	1960	2390137	1041846					
		1965	3860540	1715700					
		1966	4125241	1805456					
		1967	4310925	1980693					
		1968	4469705	2091325					
		1969	4549585	2182669					
		1970	4580642	2246970					
BYELORUSSIAN S.S.R. <sup>7</sup>	STUDENTS	1960	59296	24594					
		1965	103994	48759					
		1966	115910	55441					
		1967	124763	60711					
		1968	131481	65166					
		1969	137531	69381					
		1970	140034	72568					
UKRAINIAN S.S.R. <sup>7</sup>	TEACHERS	1965	34490	...					
		1966	36700	...					
		1967	39100	...					
	STUDENTS	1960	417748	174362					
		1965	690031	295753					
		1966	739083	323718					
		1967	760850	340480					
		1968	792182	358858					
		1969	804100	373100					
		1970	806600	386000					

# NOTES

1. Data for non-university institutions refer to student enrolment in the "grandes écoles", the preparatory classes of the "grandes écoles" and the "sections de techniciens supérieurs". As many of these students are at the same time enrolled in the universities, the figures for the two types of institutions should not be totalled.
2. Including West Berlin.
3. Not including instructors and teaching assistants.
4. In 1968 certain institutions previously shown under vocational education at the second level were transferred to education at the third level.
5. Data referring to non-university teacher training are included with other non-university institutions.
6. Full-time teaching staff only.
7. Figures relating to the Byelorussian S.S.R. and the Ukrainian S.S.R. are already included with those of the U.S.S.R.
1. Les données relatives aux établissements non universitaires se rapportent aux étudiants inscrits dans les grandes écoles, les classes préparatoires aux grandes écoles et dans les sections de techniciens supérieurs. Plusieurs étudiants de ces institutions étant également inscrits dans les universités, les chiffres présentés pour les deux types d'établissement ne doivent pas être additionnés.
2. Y compris Berlin-Ouest.
3. Non compris les instructeurs et le personnel auxiliaire.
4. En 1968, certains établissements qui faisaient antérieurement partie de l'enseignements technique du second degré ont été transférés à l'enseignement du troisième degré.
5. Les données de l'enseignement normal non universitaire sont incluses avec celles des autres établissements non universitaires.
6. Personnel enseignant à plein temps seulement.
7. Les chiffres relatifs à la R.S.S. de Biélorussie et à la R.S.S. d'Ukraine sont déjà inclus dans l'U.R.S.S.



Table/Tableau 5.2 Distribution of students by field of study  
Répartition des étudiants par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ALBANIA	1960	MF	6703	982	1339	63	397	826	624	1092	635	743	-
		F	1114	256	294	11	40	139	141	46	175	12	-
	1965	MF	12761	1628	3428	287	671	1428	1955	1146	980	1238	-
		F	2786	414	1139	63	53	238	443	101	291	42	-
	1967	MF	12435	1944	2510	239	504	1275	1936	1259	1034	1732	-
		F	3188	701	945	60	62	271	539	139	378	95	-
	1968	MF	16644	2683	2508	279	718	1665	2047	1821	1203	2108	1817
		F	4942	1115	963	76	81	477	698	218	442	143	727
	1969	MF	23180	3720	6042	294	897	1785	2898	2189	1294	2758	1303
		F	7520	1368	2930	53	176	573	1001	519	501	246	353
	1970	MF	25469	3863	6179	348	981	1845	2771	2727	1427	2788	2540
		F	8275	1434	1877	96	219	732	960	417	632	239	1671
AUSTRIA	1960	MF	38553	6126	255	1341	4634	5785	2861	10361	5944	1226	-
		F	8865	3009	117	712	695	1261	761	357	1864	89	-
	1964	MF	48470	6180	619	1816	5977	7921	3747	10880	7734	1594	-
		F	11847	4033	358	860	955	1605	955	506	2447	130	-
	1966	MF	49551	6677	842	1769	5716	8150	3855	10609	8266	1671	-
		F	12385	4363	496	844	893	1625	942	521	2493	158	-
	1967	MF	53076	7490	1180	1705	5911	9377	3842	11137	9353	1675	-
		F	13303	4732	737	777	887	1822	946	497	2738	159	-
	1968	MF	52527	8113	3390	1695	5949	8891	4140	10276	8401	1674	-
		F	14142	3567	2221	753	832	2845	996	458	2496	174	-
	1969	MF	56290	10355	6004	1839	4990	8712	4588	9931	8224	1447	-
		F	16287	4982	3862	775	774	1690	1162	452	2415	175	-
	1970	MF	60946	10778	7415	1876	4818	9962	5121	10721	8347	1617	289
		F	17794	5274	4518	810	732	1849	1366	503	2451	182	109
BELGIUM	Total 1960	MF	52002	4464	10199	2233	2689	6923	3911	10014	10198	1272	99
		F	13734	1755	3675	379	400	1177	972	534	2824	14	4
	1965	MF	84000	6832	12834	3515	4128	17531	8318	12438	15984	1859	561
		F	91551	7196	11866	4079	4718	20355	9345	13156	18146	2120	592
	Universities 1960	MF	30692	4464	1560	-	2689	5844	3911	3879	7250	993	96
		F	5855	1755	517	-	400	828	972	22	1346	11	4
	1965	MF	48800	6832	3145	-	4128	11332	6070	5225	10343	1360	367
		F	27523	2989	1339	-	776	2464	1676	46	2315	49	34
	1967	MF	59172	7560	4024	-	5459	14182	6882	5687	12873	2106	399
		F	15420	3531	1735	-	1160	3439	2152	58	3215	93	37
	1968	MF	64779	7751	4441	-	6501	15734	7090	5752	14561	2542	407
		F	17405	3770	1899	-	1459	3877	2274	63	3866	145	50
	1969	MF	69634	8125	4800	-	7433	17121	7179	9834	15885	2933	324
		F	19258	3907	2099	-	1792	4274	2317	83	4524	198	64
	1970	MF	75106	8719	2100	-	8508	18049	7364	6015	17621	3312	418
		F	21483	4423	2265	-	2239	4562	2467	140	5052	277	58
BULGARIA	1960	MF	61132	4563	5914	1309	1457	8782	4955	17947	5541	8700	1984
		F	24692	2866	2736	599	483	3506	2946	4734	3162	2980	680
	1965	MF	100102	6796	14390	2146	1424	11136	9286	34586	7139	9771	3428
		F	43427	4583	8975	970	380	5058	5205	9854	3868	3515	1019
	1966	MF	92807	6023	10415	1473	1594	10844	8455	36019	7532	8704	1770
		F	41511	4188	6387	722	513	5162	4827	10861	4091	3260	1300
	1967	MF	91091	6047	10037	2152	1677	12553	7854	34282	7525	7503	2061
		F	42569	4244	6197	997	575	6273	4545	10987	4123	3078	1550
	1968	MF	90024	5952	8965	2350	1829	13372	7485	34059	7614	5965	2437
		F	43199	4223	5650	1094	697	7013	4348	11261	4389	2786	1738
	1969	MF	95706	6725	9102	2936	2056	14559	7400	36769	7914	5647	2598
		F	46438	4800	5580	1477	786	7939	4477	12243	4671	2760	1725
	1970	MF	99596	7290	8452	5029	2592	14513	6884	39796	8301	5395	3344
		F	50445	5368	5320	1556	1093	8179	4767	14089	5129	2776	2166

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
CZECHOSLOVAKIA	1960	MF	94040	2938	24353	1877	2362	6066	2085	34421	10368	9590	-
		F	32026	1269	15153	573	670	1721	1030	4052	5740	1816	-
	1965	MF	137054	11726	19541	1703	4999	12123	8365	51067	13721	14409	-
		F	51814	6671	14327	563	1859	4966	3089	7664	8139	3636	-
	1969	MF	133524	11970	17882	1733	6129	12285	7789	47934	13804	13998	-
		F	50222	6904	15152	582	2289	5094	3657	7094	7949	3501	-
	1970	MF	131099	11814	16850	1863	6653	11760	7203	46846	14380	13724	-
		F	49678	6981	12551	626	2563	5166	3330	6877	8088	3496	-
DENMARK	1960	MF	31482	4200	7741	996	1481	3529	1163	6184	4704	1015	469
		F	9633	2344	4080	294	337	324	236	122	1755	45	296
	1965	MF	51803	10560	17050	1257	3457	5565	3204	7326	7916	1343	719
		F	18192	6017	6207	364	1046	592	713	151	2561	122	419
	1966	MF	56216	12295	17847	1345	3946	6149	3569	7444	8382	1348	891
		F	19919	6504	6612	394	1232	636	802	161	2953	136	489
	1967	MF	61094	13458	14365	1047	4338	7248	4020	7904	8885	1264	965
		F	22079	7623	6905	456	1350	740	907	177	3252	140	551
	1968	MF	68559	14662	19701	1629	4191	8254	4199	8271	9346	1412	894
		F	25976	8373	9736	482	1273	837	940	216	3454	162	501
	1969	MF	72645	16420	19716	2220	4220	9249	4393	8812	9157	1434	824
		F	26988	9143	9729	576	1269	1051	977	230	3424	165	422
FINLAND	1960	MF	23552	6312	1198	456	1000	4671	2701	2235	2219	760	-
		F	10895	3964	608	124	174	1907	921	52	929	218	-
	1965	MF	78775	12304	4285	574	2090	8147	5820	3355	3146	1054	-
		F	19193	4290	1398	175	561	3525	2176	121	1536	411	-
	1966	MF	46289	14735	4228	616	2351	10144	6943	4376	3388	1206	-
		F	23080	11241	1598	189	637	4394	2732	164	1630	495	-
	1967	MF	51775	16202	1800	679	2623	12605	8415	5064	3070	1319	-
		F	54886	16459	1909	663	2714	14251	8756	5267	3483	1384	-
FRANCE	1960	MF	58446	10762	1855	764	2764	15727	9623	6104	3421	1426	-
		F	28437	12702	3146	250	778	7327	3842	294	1510	608	-
	1970	MF	59704	10531	2040	762	2762	16555	10167	6128	3554	1470	-
		F	28916	12421	1256	243	826	7564	4098	356	1536	616	-
	1960	MF	414072	66814	-	-	36521	111	64449	111	46888	-	-
		F	86956	41031	-	-	10542	111	20345	111	15018	-	-
	1965	MF	413756	137008	-	-	86733	111	113552	111	76463	-	-
		F	173598	88440	-	-	24440	111	34412	111	26106	-	-
GERMAN DEMOCRATIC REP.	1966	MF	458409	157477	-	-	99664	111	114415	111	85209	-	1644
		F	198093	105108	-	-	29812	111	36095	111	29498	-	180
	1967	MF	509898	171168	-	-	114382	111	116055	111	102937	-	3358
		F	221447	112680	-	-	34149	111	57515	111	36224	-	879
	1968	MF	586466	200158	-	-	131251	111	124791	111	118449	-	11817
		F	221447	112680	-	-	34149	111	57515	111	36224	-	879
	1969	MF	625551	218258	-	-	138676	111	122825	111	128505	-	17287
		F	269156	125390	-	-	149019	111	118390	111	136162	-	24195
GERMAN DEMOCRATIC REP.	1960	MF	101773	2469	24134	2669	3462	15778	7915	22971	13291	9084	-
		F	108791	2176	32986	2504	2696	10584	8039	27192	14469	8145	-
	1965	MF	106422	2129	31775	2550	2521	11511	8047	27515	12902	7474	-
		F	106554	2232	31129	2601	3182	12761	8178	26969	12136	7346	-
	1967	MF	110581	2382	31609	2866	3328	14561	9169	28348	11042	7276	-
		F	122790	2414	32482	3088	4051	18233	10072	35882	10018	6530	-
	1969	MF	138541	2481	35667	3443	4656	21123	12381	44457	9797	6516	-
		F	138541	2481	35667	3443	4656	21123	12381	44457	9797	6516	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
GERMANY, FEDERAL REP. OF	1960	MF	291426	50760	55951	7458	18785	27923	31528	82345	33857	4618	-
		F	66382	14037	21214	3059	2097	3931	4004	1193	11448	394	-
	1965	MF	373049	63263	51295	7987	22021	41128	37885	100820	43625	4917	152
		F	88193	24862	31902	3386	2460	5136	3043	1772	13000	616	16
	1966	MF	406851	73321	63364	8212	24998	44167	42639	100099	44493	5348	390
		F	106612	32806	39124	3503	3008	5884	6757	1821	12849	806	49
	1968	MF	430904	74169	71725	8579	30721	41449	53880	100162	42986	6576	651
		F	115165	31982	46154	3611	3698	5011	9633	1963	11611	1371	131
	1969	MF	460765	80548	76844	9213	34164	42583	59834	107095	42755	7298	381
		F	121400	35131	47776	3791	4162	5054	10782	2044	10993	1652	15
	1970	MF	505819	86293	86662	9851	35147	46369	66290	117794	44715	8136	762
		F	135317	39021	52827	3986	4630	6165	12411	2698	11432	1995	152
GREECE	1960	MF	28592	5193	2644	565	4088	8012	2300	1902	4473	1125	-
		F	7202	1685	1247	255	1164	1182	366	54	1133	66	-
	1965	MF	58000	6250	3415	1327	7814	16820	7044	3520	8759	5053	-
		F	18511	4334	1661	635	2829	4445	1451	194	2619	343	-
	1966	MF	64391	7561	3703	1365	7882	19438	7412	4084	9686	5460	-
		F	21273	5564	1651	662	2891	5761	1530	227	2790	797	-
	1967	MF	73458	8406	4989	1442	8582	22809	8562	4496	10251	5901	-
		F	23402	5923	2220	657	3376	6568	1596	251	2853	458	-
	1968	MF	74962	8776	3409	1513	9569	23124	8447	4511	11457	4156	-
		F	24520	6018	1567	671	3735	6592	1577	268	3316	776	-
	1969	MF	76181	8485	3318	1440	10116	23592	8651	4446	12090	4043	-
		F	24610	5836	1542	612	3628	6968	1406	264	3414	540	-
POLY SEE	1961	MF	6662	5751	28	76	671	136	-	-	-	-	-
	1965	MF	7976	7065	559	75	277	-	-	-	-	-	-
		F	1120	561	559	-	-	-	-	-	-	-	-
	1966	MF	8392	7441	570	125	256	-	-	-	-	-	-
		F	1452	608	570	54	-	-	-	-	-	-	-
	1967	MF	7725	6842	239	112	387	145	-	-	-	-	-
		F	372	332	-	36	-	4	-	-	-	-	-
	1968	MF	8071	7085	294	118	395	179	-	-	-	-	-
		F	567	515	11	55	2	4	-	-	-	-	-
	1969	MF	8759	7654	464	105	349	187	-	-	-	-	-
		F	762	627	88	51	6	10	-	-	-	-	-
	1970	MF	8128	7064	471	106	311	178	-	-	-	-	-
		F	1207	1064	81	58	10	14	-	-	-	-	-
HUNGARY	1960	MF	44585	5905	7776	831	3827	2390	2964	11054	6609	5229	-
		F	14718	1978	4745	322	759	709	1395	1145	3062	605	-
	1965	MF	93957	7164	17465	858	3936	7486	5779	29937	7685	13649	-
		F	36723	4182	12571	382	1502	3655	3199	5112	3941	2179	-
	1966	MF	89544	6838	14767	1149	3755	7693	5522	29661	7769	12390	-
		F	35061	4113	10861	542	1585	4050	3049	5362	4086	2163	-
	1967	MF	83438	6021	12455	1345	3474	7700	5379	28825	7722	11023	-
		F	34452	5817	9334	651	1575	4318	3042	5573	4126	2016	-
	1968	MF	78727	5122	11185	1287	3245	7643	4901	27795	7626	9923	-
		F	32071	5331	8521	647	1491	4429	2706	5684	4206	1856	-
	1969	MF	78889	4572	11987	1275	3454	8040	4665	27095	7463	10342	-
		F	33211	2999	9062	628	1645	4780	2490	5531	4117	1959	-
	1970	MF	80536	4250	15988	1292	3544	8280	4569	27052	7378	10183	-
		F	34432	2764	10661	611	1644	4995	2387	5353	4126	1891	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ICELAND	1961	MF	803	332			143	100		36	190		
	1965	MF	1117	472			193	136		69	247		
	1966	MF	1221	467			222	172		89	271		
	1967	MF	1292	473			241	172		118	288		
	1968	MF	1302	403			230	183	59	90	337		
		F	323	205			36	18	18	4	42		
	1969	MF	1394	426			228	179	125	86	350		
		F	332	211			33	9	32	3	42		
	1970	MF	1706	507			226	342	178	87	366		
		F	422	238			33	66	46	3	36		
IRELAND	1960	MF	12789	5147	1132	102	116	1407	1541	726	1838	780	
		F	3821	1722	916	14	12	316	346		483	12	
	1965	MF	21280	8330	1797	313	335	1878	2332	2274	2920	1016	65
		F	6487	3011	1267	100	64	426	640	252	704	23	
ITALY	1960	MF	269845	43476	13141	7700	46649	61798	28969	29880	31412	4594	220
		F	72947	34259	7324	1885	7369	5965	10263	161	5642	78	1
	1965	MF	408095	100530	25190	13045	41469	91522	46123	44414	38148	5508	2142
		F	137426	74909	16354	3820	6200	14583	14603	232	6470	123	132
	1966	MF	440434	110048	28767	14840	42737	99578	56313	49534	43938	6288	2395
		F	141753	80409	19423	4684	6389	17794	18980	256	7373	151	204
	1967	MF	504625	130444	31071	16242	42394	104780	64818	54177	50812	7168	2779
		F	142958	7619	21510	5329	6548	20482	21830	287	8842	196	315
	1968	MF	554551	145423	38541	17787	43337	107586	71992	59835	59068	8289	2713
		F	206080	107899	27691	5771	6710	22531	23943	311	10531	258	435
	1969	MF	622416	160815	49620	20825	46486	114683	78284	66699	72490	9854	2654
		F	236445	119564	30090	6923	7962	25329	25998	307	13470	368	434
	1970	MF	687242	160598	57937	27280	58747	114266	82486	76921	89537	11406	2064
		F	259015	125059	42732	6679	11952	24862	29843	823	18239	516	310
LUXEMBOURG	1960	MF	147	31	40		23		18	1	34		
		F	446	7	16		5		48		40		
	1965	MF	616	49	255		44		19	15	39		195
		F	202	19	120		9		5		8		35
	1966	MF	596	43	236		33		30	15	47		192
		F	191	20	109		7		9	4	7		35
	1967	MF	667	47	194		38		37	6	62		283
		F	197	20	90		9		11		18		49
	1968	MF	427	46	159	1	22	1	41	2	61		54
		F	162	37	82		3	1	13		14		12
	1969	MF	422	84	163		25		38	1	44		67
		F	163	38	85		2		15		9		16
	1970	MF	563	42	140	1	22	5	28				66
		F	152	23	75		5	3	12		20		16
MALTA <sup>4</sup>	1960	MF	529	71	234	7	14	...	74	5	77		49
		F	200	2	174	1		...	9		7		7
	1965	MF	982	263	390	10	18	...	192	12	79		18
		F	369	50	260		1	...	49		9		
	1966	MF	1204	336	390	20	34	...	216	4	137		125
		F	413	70	260		1	...	57		20		5
	1967	MF	1449	353	391	20	38	...	235	20	108		284
		F	467	90	261		3	...	59		20		34
	1968	MF	1043	486	395	45	60	...	231	25	142		259
		F	327	149	265		3	...	57		23		30
	1969	MF	1058	496	384	40	50	...	249	51	104		264
		F	345	167	254		2	...	75		19		30
	1970	MF	1659	509	365	52	76	...	251	53	162		371
		F	626	206	270		3	...	71	1	35		40



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
NETHERLANDS	1960	MF	106220	13445	20370	7200	3014	11106	6674	30250	6371	2816	4469
		F	27259	4844	8303	2980	771	3455	833	308	1414	219	4126
	1965	MF	152148	19937	21564	8410	6322	19086	10601	38903	10070	4468	7574
		F	38515	8000	11002	3375	1588	5554	1340	791	1934	401	4530
	1966	MF	213037	28278	36093	12850	11153	34210	14262	47571	13887	6226	8521
		F	58320	11623	14444	5284	2334	9713	1940	2830	2767	770	6109
	1970	MF	231167	32500	38750	11414	12763	38892	15343	51664	14637	6283	8913
		F	64070	13384	16707	4548	2602	11155	2130	3253	3057	821	6402
NORWAY <sup>8</sup>	1960	MF	14288	2823	5553	118	709	402	1010	1390	1180	403	-
		F	4802	1085	3024	21	61	30	334	28	249	19	-
	1965	MF	27425	7450	1761	351	1412	1393	4007	2575	1565	524	521
		F	9355	3151	4571	53	153	88	410	72	377	32	242
	1966	MF	28909	7745	1900	243	1486	1652	4095	2592	1444	572	967
		F	9815	3172	4695	47	151	127	422	81	425	46	451
	1967	MF	30129	7946	7870	255	1493	1909	4025	2796	1440	615	1330
		F	10195	3249	4663	52	156	166	650	89	486	44	630
	1968	MF	61790	10115	8044	274	1728	5724	3680	9401	3180	649	482
		F	12208	4449	4718	52	193	297	532	235	1450	51	231
	1969	MF	46715	5428	8553	417	2025	5217	3871	10020	4222	658	234
		F	14027	4124	4801	62	240	459	546	277	2171	43	1254
POLAND	1960	MF	198701	15227	35534	5600	4485	25010	8844	55610	33783	14289	-
		F	78873	7409	18525	2349	2748	7976	4673	4416	22460	4517	-
	1965	MF	539508	20363	78412	7142	13548	46371	16834	46910	33718	25710	-
		F	156501	15638	54846	3205	5102	20015	9704	16452	24495	8442	-
	1966	MF	568893	21668	81037	7404	14570	51978	18637	110989	35190	27615	-
		F	172684	14694	51242	3393	5653	24637	10420	20344	26283	4773	-
	1968	MF	403534	25420	75952	7688	16076	60488	21716	127454	36615	32125	-
		F	195415	17209	55160	3604	6953	33540	12680	26185	27786	12287	-
	1969	MF	417081	26049	73050	7581	15469	65114	22404	136671	37111	56227	-
		F	205196	18258	55604	3640	6823	38328	15331	29500	28499	15213	-
	1970	MF	597097	27521	51314	7600	14859	65183	25174	157651	36106	34484	-
		F	188756	19547	55768	3668	6741	39220	15935	28487	27478	13412	-
PORTUGAL	1960	MF	24256	5973	354	1140	2913	2091	4562	2312	3410	551	725
		F	7204	2802	160	503	295	528	1606	171	1084	49	-
	1965	MF	36532	9634	394	1125	3661	5673	6292	3084	4701	752	1013
		F	14092	6130	204	558	603	1629	2758	531	1778	136	-
	1967	MF	39204	10132	574	1226	3882	6376	6434	3214	5580	753	1028
		F	15008	6616	324	598	702	2159	2488	585	2180	156	-
	1968	MF	42560	10838	591	1271	4188	7090	6832	3392	6508	829	1021
		F	17575	7336	331	624	808	2411	2720	451	2690	198	-
	1969	MF	46725	12866	700	1404	4351	7728	6971	3607	7382	843	807
		F	20508	9099	428	762	860	2599	2761	446	3298	205	-
	1970	MF	50095	13895	634	1658	4741	8218	8228	4985	8044	911	781
		F	22468	10087	284	858	1005	2611	2684	755	3760	224	-
ROMANIA	1960	MF	71989	8097	6510	1750	3101	5085	4137	20843	7825	9403	-
	1965	MF	130014	15200	25008	3659	4534	12866	10977	38744	9345	12246	-
		F	51560	8182	14235	1654	874	4279	5628	8132	5230	3165	-
	1966	MF	136448	15390	22084	3817	5845	13985	11435	42424	11505	9958	-
		F	55072	7743	15420	1758	1018	4868	6088	4972	6008	2197	-
	1967	MF	141589	17450	26515	4286	5648	15454	12115	42875	9561	9689	-
		F	59363	11295	14646	2021	1115	5616	6325	10286	5744	2315	-
	1968	MF	147637	19606	24641	4607	6141	17275	15377	42700	9633	9657	-
		F	63486	12378	15267	2155	1300	6904	8861	4944	5931	2513	-
	1969	MF	151705	20560	24197	4657	6203	19467	15956	43624	9742	9299	-
		F	64656	15390	14785	2110	1346	7709	7128	9617	6078	2495	-
	1970	MF	151885	20564	22645	4625	5901	21016	14001	43265	9888	4074	-
		F	65553	15856	15824	2054	1276	8649	7935	4070	6497	2489	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
SPAIN	1960	MF	87388	7817	831	11615	13673	6365	13071	11621	19538	2857	-
		F	20512	4841	520	6642	916	683	2784	92	4020	8	-
	1965	MF	131766	15987	1372	11955	15307	11950	19545	23002	28272	4378	-
		F	30232	4722	909	3921	2025	2007	5018	126	6380	124	-
	1966	MF	145509	16828	1361	10756	16241	16850	22019	25380	29430	4444	-
		F	33505	10928	904	2698	2318	3490	5954	177	6887	149	-
	1967	MF	158290	24956	1550	12165	16574	18657	25596	26691	29485	4614	-
		F	38050	12978	498	3080	2492	3798	7146	191	7202	165	-
	1968	MF	178255	26707	1585	11492	19126	20000	29707	28487	34364	4787	-
		F	45250	17232	1040	2580	2876	4906	8694	257	5551	123	-
	1969	MF	194515	37476	1978	10924	20363	20347	31724	29810	36827	5116	-
		F	49768	20060	1074	1960	3596	3486	9150	301	9817	324	-
	1970	MF	217415	43715	1714	14255	21009	23373	34885	31120	42261	5087	-
		F	58557	24463	946	3656	3917	3762	10519	509	11205	400	-
SWEDEN <sup>6</sup>	1960	MF	42024	70082	5524	1394	2106	7222	5248	5529	5223	696	-
		F	15149	6078	2511	609	329	548	1357	205	1684	48	-
	1965	MF	61100	10044	9764	1420	3069	22421	10005	8827	7233	973	-
		F	33608	11560	7200	652	622	8585	2500	492	2283	134	-
	1966	MF	94446	21608	10521	1419	4122	26444	11423	10160	7723	1026	-
		F	39584	15688	8405	659	889	9754	2860	578	2595	160	-
	1967	MF	112753	23329	14536	1527	5578	35049	14770	10651	8234	1099	-
		F	46255	14852	9014	821	1134	12799	3452	592	2822	167	-
	1968	MF	130502	26549	15020	1755	6912	41309	17232	11599	9159	1161	-
		F	52950	17922	9471	794	1395	15013	3895	639	3131	192	-
	1969	MF	135047	28865	14162	1685	7740	42765	16059	12889	10197	1307	-
		F	56835	18556	11249	746	1715	16003	3740	784	3005	235	-
	1970	MF	144254	28983	16710	1715	7707	47097	14415	14662	11576	1391	-
		F	61074	16374	13252	805	1840	17715	3294	949	4589	258	-
SWITZERLAND	1960	MF	21546	4902	221	709	1844	2957	4049	2786	3483	373	22
		F	3597	1793	141	82	158	291	490	14	604	18	-
	1965	MF	32921	7126	725	1044	2698	5679	5849	3621	5337	806	38
		F	6526	2946	374	158	317	654	882	29	1142	44	-
	1967	MF	35972	6452	1994	1075	3037	6653	6149	3854	6051	727	-
		F	7601	2597	915	151	352	1311	1101	40	1262	72	-
	1968	MF	38197	6948	2111	1081	3400	6840	6489	3941	6533	804	-
		F	8278	2764	957	159	415	1278	1189	50	1393	73	-
	1969	MF	40083	7490	2457	1152	3530	7050	6593	3981	6981	849	-
		F	8947	3069	1061	175	471	1342	1279	53	1436	81	-
	1970	MF	42178	7708	2590	1216	3736	7184	7357	4091	7281	1013	-
		F	9499	3215	1126	194	544	1384	1361	62	1513	98	-
UNITED KINGDOM: ENGLAND AND WALES <sup>8</sup>	1960	MF	150747	18131	...	...	...	12473	25798	27905	13124	2425	893
		F	48927	37237	...	...	...	2480	5107	692	3086	277	48
	1965	MF	261501	121844	...	...	...	36059	59753	44167	15957	2833	908
		F	97421	75512	...	...	...	9784	8614	690	4160	397	66
	1966	MF	294475	136046	...	...	...	45256	47859	44510	16345	3006	1387
		F	111725	83997	...	...	...	12456	10144	506	4165	471	6
	1967	MF	329462	146373	...	...	...	57990	52670	49318	18140	3471	-
		F	127569	95840	...	...	...	16053	11324	565	5192	595	-
	1968	MF	358602	161772	...	...	...	65267	55236	52545	19111	4273	-
		F	139661	102743	...	...	...	17941	11956	685	5717	639	-
	1969	MF	374119	166526	...	...	...	71429	55930	53733	20015	4486	-
		F	146759	107272	...	...	...	19585	12092	868	6257	665	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
NORTHERN IRELAND	1965	MF	9721	1976	2187	385	212	891	1335	1610	773	346	8
		F	5205	905	1400	140	25	270	225	29	178	11	8
	1966	MF	9572	2177	2470	162	253	710	1140	1315	831	314	-
		F	3561	1004	1664	89	29	115	212	54	197	12	-
	1967	MF	10135	2528	2561	467	349	684	1282	1234	921	309	-
		F	3061	1117	1685	175	79	77	250	56	220	16	-
	1968	MF	13531	2097	3104	524	307	1944	1770	2286	1067	230	-
		F	4784	1042	2520	211	37	415	376	63	296	24	-
	1969	MF	15502	2667	2954	555	313	1711	1926	2252	936	228	-
		F	4495	1290	1904	215	41	257	438	62	269	19	-
	1970	MF	13790	2837	3055	547	283	1825	2142	1965	911	225	-
		F	4841	1595	2005	255	49	334	495	9	301	20	-
SWEDEN <sup>10</sup>	1960	MF	18529	7183	888	888	888	888	5964	3024	3510	848	-
		F	5046	3064	888	888	888	888	947	44	176	65	-
	1967	MF	32042	6164	625	648	1188	117240	7984	4167	4546	920	-
		F	10057	3477	335	170	1188	112804	1892	46	1215	118	-
	1969	MF	35149	6874	758	965	1188	116578	7995	4655	4558	1020	-
		F	11001	4884	429	184	1188	112128	1854	64	1280	178	-
YUGOSLAVIA	1960	MF	140574	15048	10446	4254	16141	34136	4985	29814	13292	12462	-
		F	40700	6615	4791	1546	4180	9514	1935	3557	5405	1577	-
	1965	MF	184923	15705	27350	5296	20937	45397	9471	39658	16099	9330	-
		F	62071	7795	12585	2146	6206	14892	3431	5522	8068	1368	-
	1967	MF	210810	16176	36295	2145	25155	41545	10452	50484	16896	11666	-
		F	78626	10103	18865	915	4195	15545	4855	8585	9155	2416	-
	1968	MF	231444	22818	37474	5176	28750	42707	11438	51955	18566	12580	-
		F	88380	15841	19461	2276	9922	16830	5355	7926	10108	2663	-
	1969	MF	239701	22420	52528	5764	26860	51701	12446	55561	18923	13698	-
		F	95100	14228	17254	2517	10250	22036	6034	8899	10724	3118	-
	1971	MF	282546	25697	25261	6241	28037	78634	15917	70345	20810	13604	-
		F	111444	16218	15585	2790	11365	33193	6704	11779	12499	3513	-
U.S.S.R.													
U.S.S.R. <sup>12</sup>													
1960	MF		2596157		759635	19408		161873		1019876	188905	246462	
		F	1041846		474372	7908		78858		501661	106727	67320	
1965	MF		5860600		1198700	32000		264100		1749900	328800	377100	
		F	1715700		795300	15400		141300		539500	129200	97000	
1966	MF		4123241		1278465	35340		290859		1859492	259536	398849	
		F	1865456		854311	16379		165907		597925	141815	104119	
1967	MF		4510925		1320694	37107		308891		1947255	276799	414181	
		F	1980693		866307	17427		178437		657781	150577	110164	
1968	MF		4467705		1360207	39550		328513		2019127	294446	427992	
		F	2097525		888451	18654		192993		713377	160567	117173	
1969	MF		4549585		1374415	41834		334182		2057274	309236	452646	
		F	2182609		908182	20150		200496		759579	170271	123991	
1970	MF		4580642		1375650	41255		341375		2077420	321025	423913	
		F	2246970		919600	20255		204561		795397	179275	127902	

# NOTES

1. Universities only.  
The distribution by field of study does not correspond exactly with the standard classification used, i.e. social sciences are included in part with humanities and in part (economics) with law and the "instituts universitaires de technologie" are given in "not specified".
  2. Including West Berlin.  
Architecture is included with engineering.
  3. Universities and higher teacher training.
  4. Social sciences are included with humanities.
  5. In 1968 certain institutions previously shown under vocational education at the second level were transferred to education at the third level.
  6. Architecture is included with engineering.
  7. Students enrolled at the faculties of social sciences are counted with those of the faculties of humanities: figures under "social sciences" refer to the "Business Administration College" only.
  8. Full-time students only.  
Education and fine arts are included with humanities and law is included with social sciences.
  9. Full-time students enrolled at universities only.
  10. Education, fine arts, law and social sciences are included with humanities.
  11. Social sciences and law are counted together.
  12. The distribution by field of study is an estimate on the basis of the classification used by the country.
1. Universités seulement.  
La répartition par branches d'études ne correspond pas exactement à la classification type utilisée, par exemple, les sciences sociales sont classées en partie avec les lettres et en partie (sciences économiques) avec le droit, et les instituts universitaires de technologie sont classés sous la rubrique "non spécifié".
  2. Y compris Berlin Ouest.  
L'architecture est classée avec les sciences de l'ingénieur.
  3. Universités et enseignement normal supérieur.
  4. Les sciences sociales sont classées avec les lettres.
  5. En 1968 certains établissements qui faisaient antérieurement partie de l'enseignement technique du second degré ont été transférés à l'enseignement du troisième degré.
  6. L'architecture est classée avec les sciences de l'ingénieur.
  7. Les étudiants des facultés des sciences sociales sont comptés avec ceux des facultés de lettres: les chiffres sous la rubrique des sciences sociales se réfèrent au "Business Administration College" seulement.
  8. Etudiants à plein temps seulement.  
L'éducation et les beaux-arts sont classés avec les lettres et le droit avec les sciences sociales.
  9. Etudiants à plein temps inscrits dans les universités seulement.
  10. L'éducation, les beaux-arts, le droit et les sciences sociales sont classés avec les lettres.
  11. Les sciences sociales et le droit sont classés ensemble.
  12. La répartition par branches d'étude est un essai d'approximation de la classification effectivement utilisée par le pays.



Table/Tableau 5.3 Distribution of graduates by field of study  
Répartition des diplômes par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ALBANIA	1960	MF	849	69	203	•	43	139	60	113	90	128	•
		F	135	17	35	•	5	22	13	1	31	11	•
	1965	MF	1720	139	642	70	30	79	280	163	166	171	•
		F	404	33	223	18	3	15	37	16	33	4	•
	1966	MF	1930	179	774	67	36	97	302	133	171	189	•
		F	402	45	213	12	2	7	60	14	46	3	•
	1967	MF	1928	237	715	44	32	112	320	118	130	180	•
		F	496	71	204	12	3	26	103	10	59	6	•
	1968	MF	2019	272	613	73	80	160	234	168	182	215	•
		F	530	93	233	18	13	39	64	10	32	8	•
	1969	MF	1013	346	75	33	38	142	271	242	231	213	•
		F	431	167	23	8	9	36	71	31	79	7	•
	1970	MF	1767	388	129	14	62	132	322	240	223	273	•
		F	332	171	47	4	9	57	109	38	103	14	•
AUSTRIA	1960	MF	3331	312	186	332	730	767	113	389	311	169	•
		F	793	180	85	182	96	114	23	10	94	8	•
	1965	MF	3220	444	473	392	1226	888	187	799	597	212	•
		F	1340	252	263	173	189	153	36	29	223	18	•
	1966	MF	3608	313	531	446	1253	932	216	893	411	209	•
		F	1432	260	272	201	196	174	36	42	226	14	•
	1967	MF	3628	326	362	374	1293	929	237	1048	439	218	•
		F	1373	283	290	177	173	136	36	49	217	10	•
	1968	MF	6172	348	377	391	1332	1071	213	1043	689	226	•
		F	1373	230	319	176	143	156	47	29	243	10	•
	1969	MF	6476	313	640	402	1388	998	232	1211	833	239	•
		F	1334	210	349	196	230	162	36	41	282	26	•
	1970	MF	6631	630	706	423	1313	1093	267	1114	871	199	11
		F	1616	220	389	220	234	161	32	42	276	18	2
BELGIUM	Total 1960	MF	11718	1109	3700	417	314	1748	928	1308	1419	232	323
		F	4109	443	2231	89	81	534	316	9	398	1	5
	1965	MF	16484	1395	4030	524	583	2984	1440	2384	2361	290	331
		F	6460	374	2821	139	81	980	472	72	1307	4	10
	Universities 1960	MF	3703	1109	143	•	314	1111	838	364	1139	182	63
		F	1343	443	64	•	81	193	281	1	272	1	3
	1965	MF	7228	1395	271	•	583	1322	1162	677	1333	167	114
		F	1724	374	114	•	81	261	353	8	319	2	10
	1966	MF	7913	1332	343	•	564	1783	1397	876	1070	130	•
		F	1894	630	221	•	78	362	367	11	220	5	•
	1967	MF	8989	1786	440	•	626	2170	1303	803	1336	186	113
		F	2369	728	196	•	89	308	493	3	338	3	9
	1968	MF	9936	2166	443	•	813	2143	1733	387	1419	203	123
		F	2837	979	218	•	141	323	603	9	340	12	12
	1969	MF	11000	2270	366	•	992	2449	1943	937	1332	247	64
		F	3233	1030	233	•	210	382	649	3	437	10	7
	1970	MF	11349	2136	306	•	1124	2728	1769	998	1843	329	96
		F	3339	1081	231	•	240	738	649	10	363	13	12
BULGARIA	1961	MF	7799	473	2143	194	206	937	271	1264	1139	1172	•
		F	3330	302	1330	91	63	233	146	237	396	264	•
	1965	MF	13722	867	7406	219	79	1624	934	3117	431	1043	•
		F	8636	372	3033	121	21	731	342	944	277	343	•
	1966	MF	13021	1070	4448	323	219	1691	1436	4016	933	1663	•
		F	8761	663	4029	149	62	768	397	1104	347	342	•
	1967	MF	16209	1038	3446	381	183	1668	1884	3119	1062	1428	•
		F	7334	718	2387	149	42	741	1113	1210	611	363	•
	1968	MF	16028	1163	3663	361	122	1819	1316	4871	1088	1621	•
		F	7393	746	2426	172	30	926	729	1372	336	616	•
	1969	MF	13947	933	3861	411	142	2026	1013	4903	1174	1460	•
		F	7799	670	2398	203	30	1009	631	1471	616	331	•
	1970	MF	16918	1134	4100	436	233	1913	1264	3388	1101	1103	•
		F	4832	770	2800	232	113	987	799	1860	636	313	•

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
CZECHOSLOVAKIA	1960	MF	10403	223	2819	270	222	788	301	3391	1167	1218	"
	1965	MF	18981	390	5099	465	332	1449	505	6505	1800	2436	"
		F	7223	196	3650	156	145	408	217	947	1017	481	"
	1966	MF	20637	261	5768	572	347	1973	738	6661	1827	2490	"
		F	8203	145	4198	191	133	634	250	1008	1100	544	"
	1967	MF	20480	355	5957	349	359	1848	666	6667	1773	2508	"
		F	8582	207	4314	142	118	649	283	1128	1136	605	"
	1968	MF	19119	345	5711	245	428	1508	710	6170	1767	2035	"
		F	8116	247	4157	72	146	559	282	1020	1134	499	"
	1969	MF	18701	735	5599	292	505	1341	870	5827	1645	1887	"
		F	8416	350	4100	97	184	517	347	1225	1052	544	"
	1970	MF	20162	771	5201	347	593	1597	1295	6349	1935	2074	"
		F	7322	406	2722	120	254	623	280	1088	1241	588	"
DENMARK	1960	MF	5584	634	1939	158	118	440	45	1179	629	186	60
		F	1970	456	1079	50	26	49	15	17	272	4	4
	1965	MF	6892	737	2760	128	250	514	157	1370	727	213	56
		F	2709	574	1588	28	43	61	38	20	338	19	4
	1966	MF	7504	787	2994	128	232	638	165	1395	716	185	66
		F	2921	626	1679	40	60	89	36	23	353	12	3
	1967	MF	7560	902	3015	165	203	674	183	1447	714	208	53
		F	3004	691	1738	59	55	105	39	27	297	9	4
	1968	MF	8557	1014	3664	125	289	815	219	1312	802	223	74
		F	3508	762	2105	44	71	112	40	27	386	16	5
	1969	MF	9657	1147	3660	209	386	1064	278	1597	1025	219	66
		F	3812	860	2079	76	80	139	51	26	482	15	4
	1970	MF	10420	1251	3906	207	444	1144	314	1685	1125	284	60
		F	4167	905	2307	49	112	159	61	30	515	25	4
FINLAND	1960	MF	3814	1164	661	35	154	511	421	298	428	122	"
		F	1809	796	374	5	30	184	140	4	251	25	"
	1965	MF	6256	1844	816	66	289	933	991	440	722	155	"
		F	3007	1296	460	16	61	398	301	8	417	50	"
	1966	MF	6040	1925	826	87	353	1104	1098	450	610	187	"
		F	3105	1564	441	37	90	432	375	17	363	46	"
	1967	MF	7007	2175	1001	54	485	1254	1235	522	709	192	"
		F	3772	1569	615	17	155	510	380	25	446	59	"
	1968	MF	8574	2323	855	47	523	1719	1405	548	731	223	"
		F	4290	1712	574	14	148	849	470	18	421	58	"
	1969	MF	8645	2553	584	68	477	1854	1508	629	743	229	"
		F	4500	1865	380	51	131	873	526	23	595	78	"
	1970	MF	9181	2554	715	52	470	2162	1547	759	642	280	"
		F	4588	1870	478	17	128	1064	615	20	301	95	"
FRANCE <sup>2</sup>	1960	MF	27499	5970	"	"	3446	"	8257	4900	4335	591	"
	1964	MF	39040	10463	"	"	5323	"	10681	7086	4750	737	"
	1965	MF	44166	12453	"	"	6210	"	12068	7318	5149	968	"
	1966	MF	55962	19445	"	"	7012	"	15560	7337	5528	1080	"
		F	21577	12395	"	"	1617	"	4885	314	2131	35	"
GERMAN DEMOCRATIC REP.	1960	MF	13978	380	5686	478	303	2657	922	2196	1633	1723	"
	1965	MF	20054	628	6901	609	474	2311	1342	3305	2786	1698	"
	1966	MF	18399	413	6981	462	161	1515	1371	3676	2195	1625	"
	1967	MF	18385	517	6106	466	141	1641	1254	4067	2842	1551	"
	1968	MF	19208	560	6688	411	454	2571	1261	5855	2589	1079	"
		F	5479	110	2961	144	46	428	230	152	1228	180	"
	1969	MF	20524	395	6695	577	548	3198	1126	4934	1951	1100	"
	1970	MF	22750	538	7578	617	652	3807	1501	4963	1694	1360	"

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiée
GERMANY, FEDERAL REP. OF <sup>3</sup>	1901	MF	64930	2111	10619	11	4130	3398	2581	13296	5604	1165	-
		F	9685	558	5420	11	369	435	151	156	2006	84	-
	1905	MF	59053	1691	19500	11	2452	3338	3174	20980	7230	1068	-
		F	15532	381	11449	11	239	368	160	284	2478	103	-
	1906	MF	66006	2493	18359	11	3281	4406	3060	23185	9990	924	-
		F	14503	542	9401	11	265	332	214	289	3126	80	-
	1907	MF	77549	2718	24770	11	3934	5415	4839	23486	11716	1151	-
		F	19412	604	13013	11	396	587	231	336	5505	140	-
	1908	MF	78201	2876	28835	11	4502	5688	5075	19216	11026	1043	-
		F	23087	660	17225	11	437	623	254	383	3359	148	-
	1909	MF	83196	2762	32182	11	4136	6096	5199	20771	11501	1149	-
		F	25042	743	19061	11	384	623	305	366	3393	161	-
GREECE	1900	MF	5391	743	1371	77	603	1333	313	273	578	100	-
		F	1060	337	761	31	96	290	52	3	146	4	-
	1905	MF	6043	685	1608	151	751	1290	619	418	958	163	-
		F	2174	379	831	66	207	301	131	21	232	6	-
	1906	MF	5511	734	194	182	758	1071	630	485	1214	227	-
		F	1042	456	141	86	200	274	141	16	310	18	-
	1907	MF	9000	917	2531	203	869	1336	795	710	1238	401	-
		F	3078	581	1252	96	237	331	189	31	329	32	-
	1908	MF	9085	922	1578	286	1297	1755	1115	882	1447	401	-
		F	3044	565	760	153	359	434	250	65	408	56	-
	1909	MF	9450	1142	1764	298	1178	1865	1206	661	1525	550	-
		F	3320	818	601	154	423	490	297	52	414	65	-
	1910	MF	10123	1279	1246	250	1233	1874	1266	758	1648	559	-
		F	3586	892	635	110	430	626	277	55	478	83	-
POLY SEE	1907	MF	5314	2866	69	63	267	49	-	-	-	-	-
		F	37	12	-	22	3	-	-	-	-	-	-
	1908	MF	3438	2992	92	63	224	67	-	-	-	-	-
		F	30	11	-	23	3	2	-	-	-	-	-
	1909	MF	3583	3119	101	69	220	68	-	-	-	-	-
		F	38	11	-	20	4	3	-	-	-	-	-
	1910	MF	2937	2506	109	51	204	67	-	-	-	-	-
		F	37	25	-	25	5	2	-	-	-	-	-
HUNGARY	1900	MF	6317	562	1100	203	493	524	309	1452	1040	826	-
		F	2176	507	733	71	63	84	140	185	511	82	-
	1905	MF	18107	1094	4907	175	677	1284	889	4456	1195	3430	-
		F	6877	576	3352	72	175	557	503	638	571	433	-
	1906	MF	20031	1499	5145	188	777	1547	978	5552	1342	3603	-
		F	7865	787	3390	84	227	753	510	846	680	588	-
	1907	MF	20507	1582	4686	355	985	1590	1010	5527	1539	3433	-
		F	6083	960	3532	173	387	836	566	887	675	567	-
	1908	MF	17814	1594	5925	270	601	1447	907	5840	1416	2014	-
		F	7925	874	2960	147	218	834	546	1171	779	370	-
	1909	MF	18220	1272	5161	320	776	1731	882	5990	1329	2753	-
		F	7984	812	2499	150	362	1025	508	1283	770	569	-
	1910	MF	17126	1070	3620	259	701	1704	806	5841	1279	1844	-
		F	7565	674	2674	138	313	1044	436	1289	715	302	-
ICELAND	1902	MF	72	18	-	-	14	9	-	12	19	-	-
		F	91	22	-	-	17	13	-	14	25	-	-
	1905	MF	102	31	-	-	20	15	-	12	24	-	-
		F	116	29	-	-	23	12	-	27	25	-	-
	1906	MF	129	31	-	-	8	29	-	25	36	-	-
		F	27	16	-	-	-	3	-	-	8	-	-
	1909	MF	106	22	-	-	18	20	-	23	21	-	-
		F	13	6	-	-	-	1	-	1	3	-	-
	1910	MF	108	55	-	-	27	33	-	5	17	33	-
		F	58	23	-	-	3	2	1	1	8	-	-
IRELAND	1900	MF	3160	1313	535	33	47	322	270	177	327	145	-
		F	1194	502	390	12	8	102	71	-	108	1	-
	1905	MF	4956	2423	549	24	72	482	439	255	498	214	-
		F	1789	1007	396	10	16	135	110	-	112	3	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ITALY	1960	MF	21894	3623	970	546	4957	2787	2661	2243	3476	571	11
		F	6675	2911	571	173	777	457	1220	10	739	11	-
	1965	MF	29320	6689	1801	760	4599	4672	3736	2790	3586	601	86
		F	10710	5251	1151	254	808	867	1586	17	757	14	5
	1966	MF	31578	7813	2448	874	4346	4827	3885	3170	3627	530	55
		F	12048	6116	1504	337	772	467	1675	21	710	9	2
	1967	MF	40534	11493	3624	1420	4925	5785	4977	3606	4193	631	74
		F	16164	6583	2187	629	809	1171	2160	13	789	17	6
	1968	MF	47458	14276	4265	2346	5318	6808	5338	4402	4454	665	88
		F	19441	10863	2766	687	858	1452	2400	33	875	13	14
	1969	MF	57375	18253	4576	2204	5813	8471	6793	5278	5098	731	153
		F	26127	13727	4955	628	960	1948	2778	42	1012	29	48
	1970	MF	61001	19464	4628	2220	5924	9150	7562	5244	5935	786	143
		F	26404	14552	3254	724	1017	2222	3320	33	1227	27	28
LUXEMBOURG	1960	MF	120	-	120	-	-	-	-	-	-	-	-
		F	58	-	58	-	-	-	-	-	-	-	-
	1967	MF	96	-	94	-	-	-	-	-	-	-	-
		F	45	-	45	-	-	-	-	-	-	-	-
	1968	MF	107	-	107	-	-	-	-	-	-	-	-
		F	47	-	47	-	-	-	-	-	-	-	-
MALTA	1965	MF	271	33	204	-	2	2	5	18	11	-	-
		F	147	6	135	-	-	-	1	-	5	-	-
	1968	MF	440	81	187	8	15	24	15	72	38	-	-
		F	165	31	124	-	3	-	4	-	3	-	-
	1969	MF	420	70	191	-	17	23	10	104	-	-	-
		F	144	13	120	-	-	3	2	-	-	-	-
NETHERLANDS	1954	MF	17063	1049	4207	74	356	1462	484	7026	645	384	1321
		F	4426	327	2162	22	77	728	34	56	123	30	862
	1965	MF	26167	1513	9585	506	411	2197	780	8411	650	622	1492
		F	7262	444	4053	195	86	1126	87	234	132	25	882
	1968	MF	33262	2067	14604	1264	740	3215	1157	7424	892	713	1124
		F	10604	611	6068	463	151	1483	155	465	145	29	1119
	1969	MF	35047	2210	15220	1401	990	4086	1143	6964	693	794	1136
		F	11482	674	6162	508	209	1912	155	516	170	47	1126
	1971	MF	34601	2713	11188	1374	1216	5045	1654	7704	1332	926	1459
		F	10453	884	4964	471	248	1764	165	716	223	67	1431
NORWAY <sup>5</sup>	1960	MF	1442	252	-	27	83	68	165	254	295	100	-
		F	191	73	-	5	7	3	25	1	75	4	-
	1965	MF	2027	472	12	65	106	221	408	354	250	134	-
		F	565	180	1	7	12	4	61	11	52	1	-
	1966	MF	2154	540	8	33	105	286	430	343	261	148	-
		F	588	216	1	5	4	15	62	4	65	13	-
	1967	MF	2444	641	14	46	122	301	490	451	281	155	-
		F	443	250	5	11	10	13	68	10	71	7	-
	1968	MF	3183	908	14	57	174	427	650	471	305	179	-
		F	576	343	4	14	11	27	74	15	79	13	-
	1970	MF	3758	1075	24	78	225	467	682	627	382	180	-
		F	662	390	4	11	33	37	74	16	82	10	-
POLAND	1961	MF	33555	1188	1477	855	514	1656	1027	5574	6314	1898	6840
		F	15063	689	4684	344	208	924	578	1110	4972	640	1484
	1965	MF	63467	2376	28425	955	1571	6254	1942	10653	7652	3608	-
		F	35227	1440	20221	472	565	2555	1117	1644	6138	1080	-
	1966	MF	72514	5910	26994	727	1718	8042	3417	14264	9000	4238	-
		F	40555	2295	20415	346	624	3825	2020	2525	7110	1388	-
	1967	MF	78275	5717	27504	1061	1893	9410	2904	17238	9382	5161	-
		F	43405	2083	27095	465	740	4747	1645	5552	7348	1704	-
	1968	MF	87675	3372	27422	1460	2867	13304	3230	20976	9905	5137	-
		F	49127	2232	21120	670	1290	7244	1814	4952	7893	1901	-
	1969	MF	89545	4049	24255	1306	2101	14872	3947	22862	10414	5499	-
		F	49840	2746	18847	657	920	8630	2331	5368	8796	2145	-
	1970	MF	88817	4039	22775	1281	2206	14743	4078	25345	10564	5736	-
		F	50661	2721	17820	621	967	9257	2462	5777	8688	2342	-



Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
PORTUGAL	1900	MF	2180	618	120	142	136	148	233	179	406	46	135
		F	389	125	55	51	15	52	134	6	146	5	-
	1905	MF	2092	593	145	100	192	407	301	155	333	41	365
		F	788	109	490	87	19	128	205	13	130	7	-
	1900	MF	3130	727	169	117	246	390	437	201	176	43	424
		F	1077	230	122	63	33	165	290	12	154	6	-
	1907	MF	2942	561	160	150	328	372	290	248	122	44	251
		F	938	101	110	99	37	133	210	13	231	4	-
	1908	MF	2550	752	124	126	108	374	132	253	286	64	309
		F	882	294	78	83	16	146	91	20	148	6	-
	1909	MF	3098	1028	377	146	281	497	257	228	494	126	262
		F	1543	541	192	86	46	217	165	22	749	25	-
ROMANIA	1900	MF	10296	1119	275	354	893	967	879	2750	1796	1263	-
		F	3054	659	152	145	226	233	476	586	462	315	-
	1905	MF	19840	1903	4625	604	364	1321	2927	6008	1460	1468	-
		F	7786	1082	2561	268	106	453	1111	1175	751	779	-
	1906	MF	20513	1546	4464	602	427	1004	1630	7500	1713	1567	-
		F	8021	936	2654	225	97	398	913	1578	883	337	-
	1907	MF	21041	1967	5462	645	603	1506	1697	5870	1590	1703	-
		F	9075	1303	3218	300	133	504	947	1459	869	542	-
	1908	MF	23788	2779	5862	795	1133	1564	1910	6463	1501	1775	-
		F	10248	1689	3652	355	172	546	1057	1595	836	368	-
	1909	MF	25971	3049	5506	746	1029	1975	1899	6510	1910	1747	-
		F	10790	1945	3496	345	225	718	1085	1635	960	387	-
	1910	MF	28170	3197	5560	705	1286	3693	2010	8121	1566	2035	-
		F	12559	2035	3455	342	262	1705	1156	2102	995	505	-
SPAIN	1900	MF	6449	825	159	594	1427	231	636	571	1722	282	-
		F	1491	477	92	339	66	22	191	-	502	2	-
	1905	MF	8619	1074	92	638	1232	526	1169	1206	2490	192	-
		F	1892	634	60	249	158	77	745	5	464	2	-
	1906	MF	9257	1588	300	634	1289	406	1355	964	2470	231	-
		F	2588	942	209	248	182	65	311	11	566	4	-
	1907	MF	10559	1648	360	624	1499	845	1472	1078	2837	196	-
		F	2971	1004	228	216	211	141	454	3	711	3	-
	1908	MF	11751	1721	335	503	1657	749	1681	1581	3156	390	-
		F	3227	1035	214	114	252	147	590	9	857	9	-
	1909	MF	12780	1973	395	457	1340	984	1952	1725	3368	586	-
		F	3512	1208	271	145	221	169	626	11	834	27	-
	1910	MF	14556	25180	6100	531	1678	1162	2141	1829	3416	399	-
		F	4718	1684	611	168	318	230	754	13	951	20	-
SWEDEN <sup>7</sup>	1900	MF	7750	1947	1541	248	248	452	692	920	1500	191	-
		F	2909	858	1027	4105	16	106	162	16	401	10	-
	1904	MF	11099	1543	3001	292	307	1424	1242	1235	1852	203	-
		F	5096	862	2494	119	53	418	557	51	732	10	-
	1906	MF	13496	2008	3444	325	362	2072	1559	1354	2128	244	-
		F	6586	1152	2895	156	63	711	415	66	907	23	-
	1907	MF	18158	2347	5915	280	369	3213	1752	1558	2439	285	-
		F	8557	1451	4207	145	64	1121	440	66	956	39	-
	1908	MF	21578	2932	6879	307	416	4172	2067	1796	2582	227	-
		F	10192	1895	4851	142	70	1546	580	72	1011	25	-
	1909	MF	23066	3491	6764	251	461	5672	2516	1969	2506	236	-
		F	11481	2403	4862	110	93	2086	727	108	1062	30	-
	1910	MF	25147	3828	6050	229	567	6699	2406	2185	2911	272	-
		F	11732	2597	4434	115	125	2409	658	142	1212	42	-
SWITZERLAND <sup>8</sup>	1900	MF	2251	223	...	82	268	351	456	439	392	40	-
	1905	MF	2956	320	...	45	326	604	630	555	398	60	-
	1909	MF	5158	721	...	169	588	1518	1028	621	583	110	-
	1910	MF	5049	799	...	117	587	1158	1069	641	572	106	-

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
UNITED KINGDOM <sup>9</sup>	1962	MF	37286	13418	...	...	...	4605	9213	4880	4502	868	-
	1966	MF	56586	9733	5872	1547	1859	8942	13402	8668	5424	1139	-
		F	15254	4665	2640	450	239	3108	2771	64	1190	127	-
	1967	MF	64792	10892	6761	1788	2009	11005	15431	9684	5802	1220	-
		F	18118	5525	3130	503	262	3817	5369	170	1456	146	-
	1968	MF	68040	11993	7973	1986	2133	11302	16296	10034	5823	1100	-
		F	19490	5846	3757	561	322	3810	5490	161	1401	148	-
	1969	MF	73580	12035	8444	1495	2159	13607	17018	10945	5990	1287	-
		F	20986	6554	3919	382	345	4484	5720	142	1444	196	-
	1970	MF	80040	13487	9868	1658	2378	14773	17865	12075	6589	1347	-
		F	23235	6748	4941	442	406	4726	3927	221	1613	211	-
ENGLAND AND WALES <sup>11</sup>	1960	MF	60940	20335	...	...	...	4967	8516	16877	3620	625	-
		F	17899	14035	...	...	...	1505	1387	172	728	72	-
	1965	MF	85013	35218	...	...	...	11333	13715	19635	4383	731	-
		F	90465	36542	...	...	...	11625	15801	21381	4382	884	-
	1967	MF	110073	45785	...	...	...	17104	17894	25453	4848	991	-
		F	115992	51272	...	...	...	16518	18556	21936	4823	887	-
NORTHERN IRELAND	1960	MF	1298	266	288	95	20	91	221	182	92	43	-
		F	410	99	155	54	1	22	42	2	17	27	-
	1965	MF	2232	332	771	55	51	109	274	345	122	215	-
		F	828	169	508	20	7	21	55	7	35	6	-
	1966	MF	2294	396	767	55	63	128	308	340	112	165	-
		F	819	176	507	21	5	20	57	4	27	2	-
	1967	MF	2554	475	855	45	43	152	334	405	113	136	-
		F	962	253	567	26	4	15	68	-	28	1	-
	1968	MF	2777	437	1015	66	60	232	347	439	128	55	-
		F	1051	251	650	5	4	32	65	4	29	7	-
	1969	MF	2925	504	1048	50	67	236	387	414	166	53	-
		F	1101	258	673	5	8	32	85	11	26	5	-
1970	MF	3180	618	1046	51	70	297	518	400	138	51	-	-
	F	1278	343	689	4	9	63	125	1	35	9	-	-
SCOTLAND <sup>10</sup>	1960	MF	7304	4304	...	...	...	174	986	819	674	345	2
YUGOSLAVIA	1961	MF	23260	1945	2680	735	5443	4177	848	4901	1961	2523	-
		F	6019	1181	1170	249	587	951	402	479	490	304	-
	1965	MF	29272	1789	4965	1057	5047	6858	965	6044	2616	1933	-
		F	8717	1065	2156	401	680	1846	360	754	1738	217	-
	1966	MF	29761	1483	5994	1080	5050	6769	1075	6198	2465	1647	-
		F	9269	869	2684	455	697	1995	458	687	1247	201	-
	1967	MF	31412	1540	7220	961	5239	7354	1137	5645	2430	1688	-
		F	10899	885	3534	394	851	2418	459	664	1120	174	-
	1968	MF	31910	1494	8420	911	5636	6792	1121	5594	2455	1521	-
		F	11539	851	4385	359	984	2289	446	783	1277	165	-
	1969	MF	32917	1760	8307	960	5069	6940	1475	6035	2859	1514	-
		F	12007	997	4467	454	936	2375	650	916	1588	218	-
1970	MF	32020	1874	9190	850	2951	5829	1492	6076	3022	1530	-	-
	F	13033	1139	4962	547	882	2147	669	775	1648	264	-	-
U.S.S.R.													
U.S.S.R. <sup>12</sup>													
1960	MF	525499		121767	2516			24728		114045	30644	31799	
1965	MF	431790		154890	4531			34576		170358	32481	34954	
1966	MF	479400		172600	5400			38600		190100	33500	39200	
1967	MF	510586		187149	5534			39428		198259	36225	44011	
1968	MF	564954		205397	6054			45400		216980	39619	53484	
1969	MF	630857		219215	6714			50857		242419	42975	68657	
1970	MF	672000		229000	7000			52000		274000	46000	64000	

# NOTES

1. Not including diplomas or certificates not equivalent to a first university degree: 572 in 1968 (education).
  2. Data refer only to the principal degrees and diplomas awarded by universities and the schools of engineers. The distribution by field of study does not correspond exactly with the standard classification used, i.e. social sciences are included in part with humanities and in part (economics) with law.
  3. Including West Berlin. Architecture is included with engineering; data referring to other degrees in fine arts are not available.
  4. In 1966, the duration of studies in teacher-training colleges was prolonged.
  5. Universities and equivalent institutions only.
  6. Education is included with humanities.
  7. Architecture is included with engineering.
  8. Education is included in part with humanities and in part with natural sciences.
  9. Data refer to degrees and diplomas awarded by the universities only.
  10. Education and fine arts are included with humanities and law is included with social sciences.
  11. Data refer to all degrees and diplomas awarded by universities and teacher-training colleges, but only to the more important awards made by establishments of further education. Education and fine arts are included with humanities and law is included with social sciences.
  12. The distribution by field of study is an estimate on the basis of the classification used by the country.
1. Non compris les diplômes n'équivalant pas à un premier grade universitaire: 572 en 1968 (éducation).
  2. Il s'agit des principaux grades et diplômes délivrés par les universités et par les écoles d'ingénieur seulement. La répartition par branches d'études ne correspond pas exactement à la classification type utilisée, par exemple, les sciences sociales sont classées en partie avec les lettres et en partie (sciences économiques) avec le droit.
  3. Y compris Berlin-Ouest. L'architecture est classée avec les sciences de l'ingénieur; les autres diplômes en beaux-arts ne sont pas recensés.
  4. En 1966 la durée des études dans les écoles normales a été prolongée.
  5. Universités et établissements équivalents seulement.
  6. L'éducation est classée avec les lettres.
  7. L'architecture est classée avec les sciences de l'ingénieur.
  8. L'éducation est classée en partie avec les lettres et en partie avec les sciences exactes et naturelles.
  9. Les données se réfèrent aux grades et diplômes décernés par les universités seulement.
  10. L'éducation et les beaux-arts sont classés avec les lettres et le droit avec les sciences sociales.
  11. Les données se rapportent à tous les grades et diplômes délivrés par les universités et les écoles normales supérieures, mais seulement aux diplômes les plus importants conférés par les établissements d'enseignement postsecondaire. L'éducation et les beaux-arts sont classés avec les lettres et le droit avec les sciences sociales.
  12. La répartition par branches d'étude est un essai d'approximation de la classification effectivement utilisée par le pays.

**Table/Tableau 5.4 Distribution of graduates by level of degree or diploma**  
**Répartition des diplômés selon le niveau du diplôme obtenu**

A - Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
 B - First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C - Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
EUROPE							
ALBANIA	1960	203	646	-	35	100	-
	1965	591	1129	-	223	181	-
	1966	729	1221	-	205	147	-
	1967	651	1277	-	197	244	-
	1968	572	1447	-	227	303	-
	1969	111	1613	-	111	431	-
	1970	111	1787	-	111	552	-
AUSTRIA	1960	94	2300	1151	81	537	177
	1965	154	3546	1515	117	901	322
	1966	162	3780	1656	117	971	344
	1967	182	3819	1827	136	896	343
	1968	174	4187	1751	79	950	346
	1969	211	4362	1903	111	1085	338
	1970	274	4460	2111	102	1075	457
BELGIUM <sup>1</sup>	1965	-	5335	1895	-	1164	555
	1966	10	5423	1982	-	1304	585
BULGARIA	1961	1947	5852	-	1275	2075	-
	1965	7239	8663	-	4958	3648	-
	1966	4242	11574	-	3931	4830	-
	1967	3507	12902	-	2338	5196	-
	1968	3581	12647	-	2360	3733	-
	1969	3538	12404	-	2465	5334	-
	1970	*3631	13087	-	*2701	6031	-
CZECHOSLOVAKIA	1960	-	10405	-	-	111	-
	1965	-	18981	-	-	7225	-
	1966	-	20637	-	-	8203	-
	1967	-	20460	-	-	8582	-
	1968	-	19114	-	-	8116	-
	1969	-	18701	-	-	8416	-
	1970	-	20162	-	-	7322	-
DENMARK	1960	3608	1510	60	1714	252	4
	1965	4523	1915	56	2354	351	4
	1966	5437	2001	66	2533	385	3
	1967	5287	2220	53	2570	430	4
	1968	6042	2421	74	3019	544	5
	1969	6500	3041	66	3134	674	4
	1970	7056	3324	60	3424	734	4
FINLAND	1960	629	2900	85	515	1274	15
	1965	1167	4746	343	773	2192	42
	1966	1152	5156	330	712	2430	23
	1967	1595	5802	410	949	2774	49
	1968	1466	6441	417	1123	3117	50
	1969	1061	7084	500	808	3420	72
	1970	1205	7514	457	898	3626	64
FRANCE <sup>2</sup>	1960	743	21646	5110	111	111	111
	1965	1705	31496	10465	111	111	111
	1966	1722	40025	14215	693	15117	5567
GERMAN DEMOCRATIC REP.	1960	-	15976	-	-	111	-
	1965	-	20054	-	-	111	-
	1966	-	18394	-	-	4822	-
	1967	-	18365	-	-	111	-
	1968	-	19266	-	-	5474	-
	1969	-	20524	-	-	111	-
	1970	-	22730	-	-	7774	-



Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
GERMANY, FEDERAL REP. OF <sup>3</sup>	1960	11446	27599	5885	104	8691	890
	1965	16053	56715	6265	207	14202	1043
	1966	18121	60417	8068	227	12945	1281
	1967	17543	50034	9972	252	17607	1553
	1968	13522	54482	10477	196	21736	1655
	1969	15598	57065	10315	210	23127	1705
GREECE	1960	1509	3882	591	839	821	111
	1965	1726	4624	293	949	1180	45
	1966	317	5002	192	266	1350	26
	1967	2009	6151	240	1330	1710	32
	1968	1637	7773	273	825	2182	57
	1969	1225	7455	261	668	2611	41
	1970	1342	8524	257	729	2824	53
HOLY SEE	1967	1411	1580	323	28	9	"
	1968	1211	1849	378	20	19	"
	1969	1248	1940	395	19	10	1
	1970	1163	1475	299	26	51	"
HUNGARY	1960	253	855	5209	253	480	1443
	1965	6444	3064	8599	2425	1669	2783
	1969	6520	1875	9825	2636	1320	4028
	1970	6546	2083	8497	2860	1251	5674
ICELAND	1962	12	60	"	111	111	"
	1965	14	77	"	111	111	"
	1966	12	90	"	111	111	"
	1967	27	89	"	111	111	"
	1968	25	100	4	"	26	1
	1969	23	80	5	1	12	"
	1970	17	141	10	1	35	2
IRELAND	1960	535	2124	510	390	614	190
	1965	549	3325	1082	396	988	405
ITALY	1960	630	21269	"	259	6616	"
	1965	980	28340	"	483	10227	"
	1966	1562	30016	"	793	66305	"
	1967	1579	38955	"	784	15380	"
	1968	2052	45906	"	1011	18930	"
	1969	1440	55935	"	627	23500	"
	1970	1148	59915	"	558	25846	"
MALTA	1965	214	52	5	135	12	"
	1968	287	140	7	135	30	"
	1969	296	115	9	126	17	1
NETHERLANDS	1965	18910	3340	3911	5359	1370	553
	1968	23556	4035	5891	8261	1657	751
	1969	24503	4235	6511	8832	1745	907
	1971	20752	4875	8974	7571	2055	1327
NORWAY <sup>1</sup>	1960	"	282	900	"	68	123
	1965	"	605	1422	"	178	185
	1966	"	738	1416	"	204	184
	1967	"	848	1651	"	255	188
	1968	"	1308	1875	"	337	259
	1970	"	1488	2250	"	385	279

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
POLAND	1961	12128	5	521203	7462	5	57601
	1963	34467	5	29000	24865	5	510362
	1966	37952	6730	27632	28351	5	512204
	1967	38468	7906	31901	29078	5	514527
	1968	40394	10520	36959	30406	2254	16467
	1969	39506	11965	37904	29552	2901	17437
	1970	38521	13184	37112	29481	3724	17456
ROMANIA	1960	"	10250	"	"	5654	"
	1963	"	19840	"	"	7786	"
	1966	"	20513	"	"	8021	"
	1967	"	21041	"	"	9073	"
	1968	"	23788	"	"	10748	"
	1969	"	23971	"	"	10796	"
	1970	"	28179	"	"	12539	"
SPAIN	1960	"	5750	699	"	1357	134
	1963	"	8004	613	"	1790	102
	1966	"	8717	540	"	2487	101
	1967	"	10097	462	"	2871	100
	1968	"	11251	500	"	3122	105
	1969	"	12240	6540	"	3397	6115
	1970	"	14336	111	"	4118	111
SWEEN	1960	2837	4383	519	1363	1301	57
	1964	4417	6011	671	3102	1913	81
	1966	5180	7623	893	3731	2547	108
	1967	5876	71368	954	4082	4347	108
	1968	6132	74271	975	4445	5611	156
	1969	6473	70360	1033	4609	6722	150
	1970	5999	77708	1440	4327	7130	275
SWITZERLAND	1960	"	1732	519	"	111	111
	1963	"	2310	620	"	111	111
	1969	"	4247	891	"	697	141
	1970	"	4063	986	"	741	19
UNITED KINGDOM <sup>6</sup>	1966	"	38820	17760	"	11024	4250
	1967	"	44750	20042	"	13249	4869
	1968	"	47114	21526	"	14186	5310
	1969	"	50161	23419	"	15292	5694
	1970	"	53100	24940	"	16690	6545
ENGLAND AND WALES <sup>7</sup>	1962	29771	26947	10564			
	1963	38764	32688	13561			
	1966	41651	32805	16009			
	1967	48257	42839	18977			
	1968	50742	45051	20199			
NORTHERN IRELAND	1963	417	1673	142	11	792	25
	1966	340	1806	148	8	791	20
	1967	384	2020	150	8	921	33
	1968	523	1989	463	19	888	144
	1969	580	2125	420	12	961	128
	1970	564	2286	539	13	1068	197
YUGOSLAVIA	1961	9984	12923	362	2527	3420	72
	1963	15400	12778	594	4781	3799	157
	1966	16474	12765	582	5277	3846	146
	1967	17695	12938	579	6349	4014	156
	1968	18231	13025	654	7241	4167	151
	1969	17659	14213	1045	7463	4901	243
	1970	17347	14432	1041	7654	5135	244

# NOTES

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|---|---|
| 1. Universities and equivalent institutions only.   | 1. Universités et établissements équivalents seulement.   |
| 2. Data refer only to the principal degrees and diplomas awarded by universities and the schools of engineers.  | 2. Il s'agit des principaux grades et diplômes délivrés par les universités et par les écoles d'ingénieurs seulement.   |
| 3. Including West Berlin.   | 3. Y compris Berlin Ouest.  |
| 4. In 1966, the duration of studies in teacher-training colleges was prolonged.   | 4. En 1966 la durée des études dans les écoles normales a été prolongée.  |
| 5. Awards at level B are included with level C.   | 5. Les diplômes de niveau B sont classés avec les diplômes de niveau C.   |
| 6. Data refer to degrees and diplomas awarded by the university only.   | 6. Les données se réfèrent aux grades et diplômes décernés par les universités seulement.   |
| 7. Data refer to all degrees and diplomas awarded by universities and teacher-training colleges, but only to the more important awards made by establishments of further education. | 7. Les données se rapportent à tous les grades et diplômes délivrés par les universités et les écoles normales supérieures mais seulement aux diplômes les plus importants conférés par les établissements d'enseignement postsecondaire. |

**Table/Tableau 5.5 Distribution of graduates by level of degree or diploma and by field of study**  
**Répartition des diplômes selon le niveau du diplôme obtenu et par branches d'études**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalent pas à un premier grade universitaire  
 B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Païs	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
ALBANIA	1960	MF	A	203	-	203	-	-	-	-	-	-	-	-
			B	666	69	-	-	45	139	60	115	90	128	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	35	-	35	-	-	-	-	-	-	-	-
			B	100	17	-	-	5	22	13	1	31	11	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	591	-	591	-	-	-	-	-	-	-	-
			B	1129	139	51	70	30	79	280	163	146	171	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	223	-	223	-	-	-	-	-	-	-	-
			B	181	35	-	18	3	15	57	16	33	4	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1968	MF	A	572	-	572	-	-	-	-	-	-	-	-
			B	1447	272	65	73	80	160	254	168	182	215	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	227	-	227	-	-	-	-	-	-	-	-
			B	303	93	8	16	13	39	64	10	52	8	-
			C	-	-	-	-	-	-	-	-	-	-	-
AUSTRIA	1960	MF	A	94	94	-	-	-	-	-	-	-	-	-
			B	2306	33	182	352	438	332	-	311	311	127	-
			C	1151	185	4	-	316	415	115	78	-	42	-
		F	A	81	81	-	-	-	-	-	-	-	-	-
			B	537	30	87	182	54	76	-	9	94	5	-
			C	177	69	1	-	42	38	23	1	-	3	-
	1965	MF	A	159	99	52	-	-	8	-	-	-	-	-
			B	3546	38	416	392	652	572	-	715	591	170	-
			C	1515	307	7	-	574	308	187	84	6	42	-
		F	A	117	84	30	-	-	3	-	-	-	-	-
			B	901	33	233	175	100	100	-	28	221	11	-
			C	322	135	2	-	89	50	36	1	2	7	-
	1970	MF	A	274	214	59	-	-	1	-	-	-	-	-
			B	4466	22	374	425	751	701	-	964	867	160	2
			C	2111	414	73	-	762	393	267	150	4	39	9
		F	A	102	42	59	-	-	1	-	-	-	-	-
			B	1075	15	294	220	97	120	-	41	275	13	-
			C	437	163	36	-	137	40	52	1	1	3	2
BELGIUM	1966	MF	A	10	-	-	-	-	-	-	10	-	-	-
			B	5923	858	582	-	524	1475	771	846	940	127	-
			C	1982	674	161	-	40	308	626	20	130	23	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	1309	354	162	-	74	286	212	11	206	4	-
			C	585	276	59	-	6	76	155	-	14	1	-



Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
BULGARIA	1961	MF	A	1947	-	1947	-	-	-	-	-	-	-	-
			B	3632	473	190	194	206	937	271	1264	1139	1172	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	1275	-	1275	-	-	-	-	-	-	-	-
			B	2075	302	61	91	63	293	146	437	396	264	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	7239	-	7239	-	-	-	-	-	-	-	-
			B	8483	867	169	219	79	1024	934	3117	431	1043	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	4958	-	4958	-	-	-	-	-	-	-	-
			B	3698	572	77	121	21	731	592	944	277	343	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	43031	-	43031	-	-	-	-	-	-	-	-
			B	13087	1154	269	430	233	1913	1264	3388	1101	1103	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	42701	-	42701	-	-	-	-	-	-	-	-
			B	6031	770	99	232	113	987	799	1860	636	313	-
			C	-	-	-	-	-	-	-	-	-	-	-
CZECHOSLOVAKIA	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	10405	223	2819	270	222	788	301	3391	1167	1218	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	18941	390	3099	463	332	1449	503	6303	1800	2436	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	7223	196	3636	136	143	408	217	947	1017	481	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	20162	771	3201	347	393	1397	1293	6349	1933	2074	-
			C	-	-	-	-	-	-	-	-	-	-	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	7322	406	2722	120	234	623	280	1088	1241	588	-
			C	-	-	-	-	-	-	-	-	-	-	-
DENMARK	1960	MF	A	3608	493	1939	-	-	400	-	803	171	-	-
			B	1316	139	-	136	118	40	43	376	458	186	-
			C	60	-	-	-	-	-	-	-	-	-	60
		F	A	1714	430	1079	-	-	46	-	-	139	-	-
			B	432	26	-	30	26	3	13	17	113	4	-
			C	4	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	4923	372	2760	-	-	466	-	913	210	-	-
			B	1913	163	-	126	230	48	137	433	317	213	-
			C	36	-	-	-	-	-	-	-	-	-	36
		F	A	2334	315	1586	-	-	33	-	-	196	-	-
			B	331	39	-	28	43	6	38	20	142	13	-
			C	4	-	-	-	-	-	-	-	-	-	4
	1970	MF	A	7036	843	3846	-	-	976	-	1123	248	-	-
			B	3324	408	60	207	444	168	314	362	877	284	-
			C	60	-	-	-	-	-	-	-	-	-	60
		F	A	3424	739	2294	-	-	147	-	7	237	-	-
			B	739	166	13	49	112	12	61	23	278	23	-
			C	4	-	-	-	-	-	-	-	-	-	4

Country	Year	Sex/Scxe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
FINLAND	1960	MF	A	849	"	620	"	29	"	"	"	176	"	"
			B	2900	1144	55	33	118	301	389	286	254	118	"
			C	85	20	"	"	7	10	32	14	"	4	"
		F	A	315	"	324	"	17	"	"	"	169	"	"
			B	1479	789	45	3	12	183	136	3	82	26	"
			C	15	7	"	"	1	1	4	1	"	1	"
	1965	MF	A	1167	"	794	"	80	"	"	"	295	"	"
			B	4746	1791	21	66	188	898	894	384	367	137	"
			C	343	53	3	"	21	35	97	56	60	18	"
		F	A	773	"	433	"	39	"	"	"	279	"	"
			B	2192	1285	4	16	20	395	287	8	131	46	"
			C	42	11	1	"	2	3	14	"	7	4	"
	1970	MF	A	1205	"	644	0	142	290	"	"	123	"	"
			B	7519	4473	39	46	300	1818	1409	692	466	256	"
			C	457	81	14	"	28	54	138	67	53	24	"
		F	A	898	"	639	6	72	271	"	"	112	"	"
			B	3626	1852	38	13	53	787	595	17	182	89	"
			C	64	18	1	"	3	6	20	3	7	6	"
FRANCE <sup>2</sup>	1960	MF	A	743	"	"	"	498	111	"	"	245	"	"
			B	21046	4038	"	"	1886	111	6273	4900	3958	301	"
			C	3110	1932	"	"	1062	111	1984	"	132	"	"
	1964	MF	A	1371	"	"	"	1080	111	"	"	291	"	"
			B	28011	7322	"	"	2889	111	6428	7086	4349	737	"
			C	8858	3141	"	"	1334	111	4253	"	110	"	"
	1966	MF	A	1722	"	"	"	1423	111	"	"	299	"	"
			B	40025	13637	"	"	3881	111	8972	7337	5118	1080	"
			C	14215	3808	"	4	1708	111	6588	"	111	"	"
		F	A	693	"	"	"	394	111	"	"	299	"	"
			B	13117	9097	"	"	924	111	2056	314	1791	35	"
			C	3567	3298	"	"	299	111	1929	"	41	"	"
GERMAN DEMOCRATIC REP.	1960	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	13978	380	3680	476	303	2657	924	2196	1633	1723	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1965	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	20034	628	6901	609	474	2311	1344	3303	2786	1698	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1970	MF	A	"	"	"	"	"	"	"	"	"	"	"
			B	22750	538	7576	617	652	3807	1501	4983	1694	1360	"
			C	"	"	"	"	"	"	"	"	"	"	"

Country	Year	Sex/Genre	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiée
GERMANY, <sup>3</sup> FEDERAL REP. OF	1960	MF	A	11446	-	-	...	-	-	-	11446	-	-	-
			B	27399	1445	10619	...	3502	2913	1366	3440	3599	715	-
			C	3885	666	-	...	648	485	1221	410	2005	450	-
	F	A	A	104	-	-	...	-	-	-	104	-	-	-
			B	8091	427	3920	...	342	589	65	47	1438	63	-
			C	890	131	-	...	27	46	92	5	568	21	-
	1965	MF	A	16053	-	-	...	-	-	-	16053	-	-	-
			B	36715	1019	19500	...	1934	2985	2085	3843	4661	688	-
			C	6265	672	-	...	518	553	1289	484	2569	580	-
	F	A	A	207	-	-	...	-	-	-	207	-	-	-
			B	14282	263	11499	...	219	345	106	77	1701	72	-
			C	1043	118	-	...	20	25	74	-	777	31	-
	1969	MF	A	15598	-	-	...	-	-	-	15598	-	-	-
			B	57083	1742	32182	...	3415	5548	3049	4332	6667	753	-
			C	10375	1020	-	...	721	548	2150	841	4839	396	-
	F	A	A	210	-	-	...	-	-	-	210	-	-	-
			B	23127	518	19067	...	359	590	204	151	2127	111	-
			C	1705	225	-	...	25	35	99	5	1266	50	-
GREECE	1960	MF	A	1509	-	1371	-	-	138	-	-	-	-	-
			B	3882	745	-	77	603	1195	313	275	578	100	-
			C	...	...	...	...	...	...	...	...	...	...	...
	F	A	A	839	-	701	-	-	138	-	-	-	-	-
			B	621	357	-	39	96	152	52	5	146	4	-
			C	...	...	...	...	...	...	...	...	...	...	...
	1965	MF	A	1726	-	1608	-	-	118	-	-	-	-	-
			B	4626	670	-	151	744	1167	590	408	735	161	-
			C	293	15	-	-	9	5	29	12	223	2	-
	F	A	A	949	-	831	-	-	118	-	-	-	-	-
			B	1180	377	-	06	204	183	125	18	199	4	-
			C	45	2	-	-	1	-	6	3	33	-	-
	1970	MF	A	1342	-	1248	-	-	94	-	-	-	-	-
			B	8524	1251	-	256	1224	1774	1240	745	1481	549	-
			C	257	28	-	-	5	6	26	15	167	10	-
	F	A	A	729	-	635	-	-	94	-	-	-	-	-
			B	2026	882	-	110	629	532	276	53	460	82	-
			C	55	10	-	-	1	-	1	2	18	1	-
HOLY SEE	1970	MF	A	1163	975	58	25	81	26	-	-	-	-	-
			B	1475	1304	47	26	64	34	-	-	-	-	-
			C	299	227	4	6	59	7	-	-	-	-	-
	F	A	A	26	6	-	14	3	-	-	-	-	-	-
			B	51	16	-	11	2	2	-	-	-	-	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Genre	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe/Niveau		Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
HUNGARY	1960 MF	A	253	-	253	-	-	-	-	-	-	-	-
		B	855	-	855	-	-	-	-	-	-	-	-
		C	5209	562	-	205	493	524	309	1452	1040	826	-
	F	A	253	-	253	-	-	-	-	-	-	-	-
		B	480	-	480	-	-	-	-	-	-	-	-
		C	1443	507	-	71	63	84	140	185	511	82	-
	1965 MF	A	6444	-	1863	-	-	542	-	1911	-	2148	-
		B	3064	-	3064	-	-	-	-	-	-	-	-
		C	8599	1094	-	175	677	742	889	2545	1195	1282	-
	F	A	2425	-	1685	-	-	231	-	281	-	230	-
		B	1669	-	1669	-	-	-	-	-	-	-	-
		C	2783	576	-	72	175	526	505	557	571	203	-
	1970 MF	A	6346	-	1537	-	-	897	-	3166	-	946	-
		B	2083	-	2083	-	-	-	-	-	-	-	-
		C	8497	1070	-	259	701	807	808	2675	1279	898	-
	F	A	2860	-	1423	-	-	583	-	729	-	125	-
		B	1251	-	1251	-	-	-	-	-	-	-	-
		C	3474	674	-	158	313	461	436	560	715	177	-
ICELAND	1962 MF	A	12	-	-	-	-	-	-	14	-	-	-
		B	60	18	-	-	14	9	-	-	19	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
	1965 MF	A	14	-	-	-	-	-	-	14	-	-	-
		B	27	22	-	-	17	13	-	-	25	-	-
		C	-	-	-	-	-	-	-	-	-	-	-
	1970 MF	A	17	-	-	-	-	-	-	17	-	-	-
		B	141	45	-	-	27	33	5	-	33	-	-
		C	10	10	-	-	-	-	-	-	-	-	-
	F	A	1	-	-	-	-	-	-	1	-	-	-
		B	35	21	-	-	3	2	1	-	6	-	-
		C	2	2	-	-	-	-	-	-	-	-	-
IRELAND	1960 MF	A	535	-	535	-	-	-	-	-	-	-	-
		B	2124	893	-	32	39	316	230	171	306	137	-
		C	510	420	-	1	8	6	40	6	21	8	-
	F	A	390	-	390	-	-	-	-	-	-	-	-
		B	614	323	-	12	7	102	65	-	106	1	-
		C	190	179	-	-	1	-	8	-	2	-	-
	1965 MF	A	549	-	549	-	-	-	-	-	-	-	-
		B	3525	1592	-	24	63	439	371	228	414	194	-
		C	1082	831	-	-	9	63	68	27	84	20	-
	F	A	596	-	596	-	-	-	-	-	-	-	-
		B	988	630	-	10	14	134	104	-	93	3	-
		C	405	377	-	-	2	1	6	-	19	-	-



Country	Year	Sex/ Sexe	Level/ Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifiés
ITALY	1960	MF	A	830		464	"	"	168	"	"	"	"	"
			B	21269	3623	508	546	4937	2619	2661	2293	3476	571	11
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	234	"	227	"	"	32	"	"	"	"	"
			B	6616	2911	350	113	777	425	1220	10	739	11	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1965	MF	A	980		830	"	"	142	"	"	"	"	"
			B	28340	6689	963	760	4599	4530	3736	2790	3586	601	86
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	483	"	456	"	"	27	"	"	"	"	"
			B	10227	3251	693	234	808	840	1586	17	757	14	3
			C	"	"	"	"	"	"	"	"	"	"	"
	1970	MF	A	1148	"	1014	"	"	134	"	"	"	"	"
			B	59413	14464	3614	2220	5924	4016	7562	3249	5935	786	143
			C	"	"	"	"	"	"	"	"	"	"	"
		F	A	338	"	330	"	"	22	"	"	"	"	"
			B	23646	14352	2716	724	1017	2200	3320	33	1227	27	28
			C	"	"	"	"	"	"	"	"	"	"	"
MALTA	1965	MF	A	214	"	200	"	"	2	"	12	"	"	"
			B	32	29	"	"	2	"	4	6	11	"	"
			C	5	4	"	"	"	"	1	"	"	"	"
		F	A	135	"	133	"	"	"	"	"	"	"	"
			B	12	6	"	"	"	"	1	"	5	"	"
			C	"	"	"	"	"	"	"	"	"	"	"
	1969	MF	A	296	"	191	"	"	12	"	93	"	"	"
			B	115	66	"	"	17	11	3	16	"	"	"
			C	9	4	"	"	"	"	3	"	"	"	"
		F	A	126	"	120	"	"	"	"	"	"	"	"
			B	17	13	"	"	"	3	1	"	"	"	"
			C	1	"	"	"	"	"	1	"	"	"	"
NETHERLANDS	1965	MF	A	18410	"	9153	400	"	1455	"	6638	"	420	624
			B	3346	850	390	106	"	175	238	699	"	"	868
			C	3911	663	42	"	411	367	522	854	650	202	"
		F	A	3334	"	3898	167	"	1076	"	201	"	3	14
			B	1370	270	141	28	"	5	28	30	"	"	868
			C	333	174	14	"	84	45	59	3	132	22	"
	1971	MF	A	20732	"	10287	1109	"	3118	"	5403	"	330	303
			B	4675	+1400	+730	+263	"	+330	+330	+644	"	"	1156
			C	8974	1313	171	"	1216	1597	1289	1660	1332	396	"
		F	A	7371	"	4644	371	"	1389	"	671	"	99	277
			B	2035	+466	+240	100	"	+20	+33	+20	"	"	1134
			C	1327	418	80	"	248	155	130	23	223	68	"

Country	Year	Sex/Sexe	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
NORWAY <sup>1</sup>	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	282	130	-	-	-	60	83	-	-	-	-
			C	900	193	-	27	83	8	80	254	295	100	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	68	50	-	-	-	2	16	-	-	-	-
			C	123	23	-	3	7	1	7	1	75	4	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	805	232	-	-	-	186	187	-	-	-	-
			C	1422	240	12	63	106	35	221	359	250	134	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	178	150	-	-	-	6	42	-	-	-	-
			C	165	59	1	7	12	3	19	11	52	1	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	1488	740	-	-	-	359	389	-	-	-	-
			C	2250	535	22	76	225	108	293	627	382	180	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	383	302	-	-	-	26	55	-	-	-	-
			C	279	88	4	11	33	11	24	16	82	10	-
POLAND	1960	MF	A	12128	-	6816	-	-	568	-	1367	3113	264	-
			B	1111	-	1111	-	-	1111	1111	1111	1111	1111	1111
			C	21205	1188	661	835	514	1088	1027	4212	3206	1634	6840
	F	A	A	7462	-	3796	-	-	419	-	280	2921	46	-
			B	7601	669	225	349	208	505	518	830	2071	394	1484
			C	7601	669	225	349	208	505	518	830	2071	394	1484
	1965	MF	A	34467	-	25396	-	-	1523	-	2870	4375	503	-
			B	1111	-	1111	-	-	1111	1111	1111	1111	1111	1111
			C	29000	2376	3027	953	1571	4936	1992	7763	3277	3105	-
	F	A	A	24065	-	18663	-	-	1055	-	871	4115	161	-
			B	1111	-	1111	-	-	1111	1111	1111	1111	1111	1111
			C	10362	1440	1558	412	565	1500	1117	826	2023	919	-
	1970	MF	A	38521	-	18710	26	-	6008	-	6953	6162	662	-
			B	13184	101	500	-	-	3423	-	7003	-	2155	-
			C	37112	5938	5565	1255	2206	5512	4078	9457	4402	2919	-
	F	A	A	29481	-	13454	12	-	5160	-	2768	5868	221	-
			B	3724	76	374	-	-	1500	-	840	-	934	-
			C	17456	2645	2000	609	967	2597	2462	2169	2820	1187	-
ROMANIA	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	10296	1119	275	354	893	967	879	2750	1796	1263	-
			C	-	-	-	-	-	-	-	-	-	-	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	3054	659	152	145	226	233	476	586	862	315	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	19840	1903	4625	664	364	1321	2027	6008	1460	1468	-
			C	-	-	-	-	-	-	-	-	-	-	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	7786	1082	2561	268	106	453	1111	1175	751	279	-
			C	-	-	-	-	-	-	-	-	-	-	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	28179	5197	5560	705	1286	3693	2016	8121	1566	2035	-
			C	-	-	-	-	-	-	-	-	-	-	-
	F	A	A	-	-	-	-	-	-	-	-	-	-	-
			B	12559	2035	3455	342	262	1705	1158	2102	995	505	-
			C	-	-	-	-	-	-	-	-	-	-	-

Country	Year	Sex/Scat	Level/Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
SPAIN	1960 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	5750	669	159	594	1285	188	536	571	1500	248	"	"
		C	699	156	"	"	142	43	102	"	222	34	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	1357	409	92	339	60	16	169	"	271	1	"	"
		C	134	68	"	"	6	6	24	"	31	1	"	"
	1965 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	8004	962	92	636	1161	502	1005	1206	2264	174	"	"
		C	615	112	"	"	71	24	164	"	226	18	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	1790	596	60	249	151	76	218	5	433	2	"	"
		C	102	38	"	"	7	1	25	"	31	"	"	"
	1969 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	12240	1863	395	457	1285	964	1787	1725	3188	576	"	"
		C	9540	1110	"	"	553	20	165	"	180	110	"	"
	F	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	3397	1168	271	145	215	166	593	11	799	27	"	"
		C	1115	140	"	"	56	41	33	"	35	"	"	"
SWEDEN <sup>5</sup>	1960 MF	A	2837	"	1474	154	41	"	"	160	944	64	"	"
		B	4583	1757	67	94	195	440	546	698	481	105	"	"
		C	519	190	"	"	12	12	140	62	75	22	"	"
	F	A	1563	"	945	175	"	"	"	"	487	6	"	"
		B	1301	836	32	130	16	106	151	15	112	3	"	"
		C	37	22	"	"	"	"	11	1	2	1	"	"
	1966 MF	A	5180	"	3444	180	"	49	"	181	1263	63	"	"
		B	7423	1816	"	145	355	1907	1277	1043	732	148	"	"
		C	893	192	"	"	7	116	284	130	133	33	"	"
	F	A	3731	"	2893	110	"	45	"	"	679	4	"	"
		B	2547	1107	"	46	65	647	382	62	221	17	"	"
		C	108	45	"	"	"	19	31	4	7	2	"	"
	1970 MF	A	5999	"	5718	100	"	179	"	237	1694	69	"	"
		B	17708	3593	2334	129	558	6251	1941	1704	1041	159	"	"
		C	1440	235	"	"	9	269	465	244	174	44	"	"
	F	A	6327	"	5307	60	"	84	"	"	862	14	"	"
		B	7130	4924	1127	53	123	2245	572	129	331	26	"	"
		C	275	73	"	"	2	80	86	13	19	2	"	"
SWITZERLAND <sup>6</sup>	1960 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	1732	132	"	77	165	270	250	414	392	32	"	"
		C	519	91	"	5	103	81	206	25	"	8	"	"
	1965 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	2516	203	"	42	246	485	371	529	398	42	"	"
		C	620	117	"	1	80	119	259	26	"	18	"	"
	1970 MF	A	"	"	"	"	"	"	"	"	"	"	"	"
		B	4063	555	"	115	442	1006	740	550	572	83	"	"
		C	986	244	"	2	145	152	329	91	"	23	"	"

Country	Year	Sex/ Sexe	Level/ Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
UNITED KINGDOM <sup>7</sup>	1960	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	38020	6596	310	1000	1612	6717	9847	6310	3601	821	-
			C	17706	1137	5550	547	247	2225	3535	2358	1823	318	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	11024	4575	100	280	224	2442	2464	40	975	106	-
			C	4230	290	2534	164	15	666	307	18	215	21	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	55100	11624	2255	1201	2054	10301	13271	8056	4701	937	-
			C	24740	1863	7573	397	324	4472	4594	5419	1888	410	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	10090	6204	1265	348	369	3499	3379	190	1321	155	-
			C	6545	544	3670	94	37	1227	548	71	292	56	-
ENGLAND AND WALES <sup>8</sup>	1962	MF	A	29771	10089	...	...	...	943	1537	11202	-	-	-
			B	26947	7251	...	...	...	3710	7220	5449	2824	487	-
			C	10366	4795	...	...	...	947	1956	1244	1443	179	-
	1965	MF	A	38764	21161	...	...	...	2084	2069	13450	-	-	-
			B	32688	7737	...	...	...	1951	8834	5660	2632	527	-
			C	13501	6320	...	...	...	1951	2810	525	1751	204	-
	1968	MF	A	50742	32246	...	...	...	3698	2887	11911	-	-	-
			B	45051	10734	...	...	...	11403	11775	7646	3135	560	-
			C	20199	6292	...	...	...	3617	3896	2579	1688	327	-
NORTHERN IRELAND	1965	MF	A	417	13	-	-	-	18	19	186	-	181	-
			B	1073	502	730	35	31	91	210	142	101	25	-
			C	142	17	35	-	-	-	43	17	21	9	-
		F	A	11	6	-	-	-	-	1	-	-	4	-
			B	192	160	492	20	7	21	51	7	32	2	-
			C	25	3	10	-	-	-	5	-	5	-	-
	1970	MF	A	364	6	-	-	-	72	60	196	18	9	-
			B	2486	571	779	29	55	183	361	179	104	25	-
			C	559	38	267	22	15	42	97	25	16	17	-
		F	A	15	7	-	-	-	3	-	-	-	3	-
			B	1068	329	540	2	9	41	112	1	32	2	-
			C	197	7	149	2	-	19	15	-	3	4	-
YUGOSLAVIA	1961	MF	A	9984	139	2590	-	1508	2235	20	2438	195	851	-
			B	12923	1810	90	734	1902	1902	739	2429	1725	1592	-
			C	562	46	0	1	33	40	81	34	41	80	-
		F	A	2527	84	1164	-	192	553	7	223	172	152	-
			B	3420	1083	10	249	390	393	368	256	509	162	-
			C	72	14	2	-	5	5	27	-	9	10	-
	1965	MF	A	15900	319	4730	275	1658	4364	140	3150	552	708	-
			B	12778	1588	221	748	1363	2412	714	2821	1983	1128	-
			C	594	82	0	36	26	82	111	73	81	97	-
		F	A	4781	177	2106	110	343	1280	59	326	332	48	-
			B	3799	856	49	280	355	558	267	422	878	154	-
			C	157	32	1	11	2	8	34	6	28	15	-
	1970	MF	A	17547	35	8845	130	1108	3598	120	2512	800	399	-
			B	14452	1745	340	681	1768	2520	1127	3384	2076	991	-
			C	1041	94	5	45	75	111	245	180	146	140	-
		F	A	7054	18	4884	66	328	1360	55	307	577	61	-
			B	5155	1086	79	459	545	772	548	445	1015	188	-
			C	244	35	1	22	9	15	86	25	56	15	-



- |   |  |
|---|--|
| <p>1. Universities and equivalent institutions only.</p> <p>2. Data refer only to the principal degrees and diplomas awarded by universities and the schools of engineers. The distribution by field of study does not correspond exactly with the standard classification used i.e. social sciences are included in part with humanities and in part (economics) with law.</p> <p>3. Including West Berlin. Architecture is included with engineering; data referring to other degrees in fine arts are not available.</p> <p>4. Awards at level B are included with level C.</p> <p>5. Architecture is included with engineering.</p> <p>6. Education is included in part with humanities and in part with natural sciences.</p> <p>7. Data refer to degrees and diplomas awarded by the universities only.</p> <p>8. Data refer to all degrees and diplomas awarded by universities and teacher-training colleges, but only to the more important awards made by establishments of further education. Education and fine arts are included with humanities and law is included with social sciences.</p> | <p>1. Universités et établissements équivalents seulement.</p> <p>2. Il s'agit des principaux grades et diplômes délivrés par les universités et par les écoles d'ingénieur seulement. La répartition par branches d'études ne correspond pas exactement à la classification type utilisée, par exemple, les sciences sociales sont classées en partie avec les lettres et en partie (sciences économiques) avec le droit.</p> <p>3. Y compris Berlin Ouest. L'architecture est classée avec les sciences de l'ingénieur; les autres diplômes en beaux-arts ne sont pas recensés.</p> <p>4. Les diplômes de niveau B sont classés avec les diplômes de niveau C.</p> <p>5. L'architecture est classée avec les sciences de l'ingénieur.</p> <p>6. L'éducation est classée en partie avec les lettres et en partie avec les sciences exactes et naturelles.</p> <p>7. Les données se réfèrent aux grades et diplômes décernés par les universités seulement.</p> <p>8. Les données se rapportent à tous les grades et diplômes délivrés par les universités et les écoles normales supérieures mais seulement aux diplômes les plus importants conférés par les établissements d'enseignement postsecondaire. L'éducation et les beaux-arts sont classés avec les lettres et le droit avec les sciences sociales.</p> |
|---|--|

## 6. OCEANIA/OCEANIE

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## NOTE

To facilitate the presentation of the tables the names of countries and territories have been given in English only. The English equivalent for the names in French may be found in the following list.

En vue de faciliter la présentation des tableaux, les noms des pays et territoires ont été donnés en anglais seulement. Il sera néanmoins aisé de trouver l'équivalent anglais des noms en français en se servant de la liste ci-après :

Australie/Australia – Fidji (Iles)/Fiji Islands – Guam/Guam – Nouvelle-Calédonie/New Caledonia – Nouvelle Zélande/New Zealand –  
Papua Nouvelle Guinée/Papua New Guinea – Samoa Occidental/Western Samoa

Table/Tableau 6.1 Teachers and students by type of institution  
Personnel enseignant et étudiants par types d'établissement

Country		Year	Total		Universities and equivalent institutions		Non-university teacher training		Other non-university institutions		
Pays		Année			Universités et établis- sements équivalents		Enseignement normal non universitaire		Autres établissements non universitaires		
			MF	F	MF	F	MF	F	MF	F	
AUSTRALIA	TEACHERS	1960	...	...	3495	4415	...	...	...	...	
		1965	...	...	5104	640	...	...	...	...	
		1966	...	...	5660	729	...	...	...	...	
		1967	...	...	6044	817	...	...	...	...	
		1968	...	...	6457	798	...	...	...	...	
		1969	...	...	7018	920	...	...	...	...	
		1970	...	...	7367	1002	...	...	...	...	
	STUDENTS	1960	88207	42900	33780	12395	10827	7413	421600	43100	
		1965	131703	58754	83320	22035	15919	11519	52464	45200	
		1966	143091	63269	91291	24969	16300	11800	37500	6500	
		1967	153240	65200	95380	26400	16500	11900	41600	6900	
		1968	164528	68917	101537	29067	16298	12448	46693	7402	
		1969	164659	52673	109662	31840	19342	14340	55455	6293	
		1970	179664	58771	116776	34931	21775	16274	41111	7566	
FIJI ISLANDS	STUDENTS	1968	160	...							
		1969	239	46							
		1970	462	119							
	GUAM	TEACHERS	1961	43	12	43	12	-	-	-	-
1965			110	...	110	...	-	-	-	-	
1970			125	...	125	...	-	-	-	-	
STUDENTS		1961	871	402	871	402	-	-	-	-	
		1965	1624	584	1624	584	-	-	-	-	
		1966	1676	590	1676	590	-	-	-	-	
		1967	1397	718	1397	718	-	-	-	-	
		1968	2012	838	2012	838	-	-	-	-	
		1969	2125	937	2125	937	-	-	-	-	
		1970	2719	1298	2719	1298	-	-	-	-	
NEW CALEDONIA		TEACHERS	1965	13	...	-	-	-	-	13	...
			1968	10	1	-	-	-	-	10	1
			1970	32	3	-	-	-	-	32	3
		STUDENTS	1965	45	17	-	-	-	-	45	17
			1968	63	...	-	-	-	-	63	...
			1970	101	...	-	-	-	-	101	...
NEW ZEALAND	TEACHERS	1960	1486	338	1036	238	260	90	4170	410	
		1965	2705	301	1857	159	357	110	491	32	
		1966	3002	386	1997	221	427	126	578	39	
		1967	3387	441	2328	265	426	126	633	50	
		1968	3586	411	2408	234	457	123	721	54	
		1969	3911	501	2595	288	512	135	804	78	
		1970	4342	589	2907	360	576	146	859	83	
	STUDENTS	1960	35851	9616	15809	3877	4062	2939	416000	42800	
		1965	51326	14563	22145	5956	5019	3793	50162	4814	
		1966	64073	16108	24302	6729	5231	4005	54520	5374	
PAPUA NEW GUINEA	STUDENTS	1967	66977	17291	26313	7523	5390	4131	55265	5637	
		1968	73538	19434	28821	8379	6369	4794	58148	6261	
		1969	81016	22218	31494	9377	7223	5592	62299	7449	
		1970	84658	22839	34446	10664	7908	6010	62504	6165	
		1966	58	7							
	1967	232	31								
	1968	405	63								
	1969	595	89								
	1970	1032	165								
	WESTERN SAMOA	STUDENTS	1960	21	-	-	-	-	-	21	-
1967			56	-	-	-	-	-	56	-	
1968			70	3	-	-	-	-	70	3	
1969			117	1	-	-	-	-	117	1	
1970			114	1	-	-	-	-	114	1	

Table/Tableau 6.2 Distribution of students by field of study  
Répartition des étudiants par branches d'études

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
AUSTRALIA	1960	MF	87945	17100	16500	3900	2645	10400	9100	16400	9200	2700	-
		F	22400	6700	8800	1200	302	1300	1700	200	2600	100	-
	1965	MF	139000	26500	22100	6500	4100	25500	13800	23900	10700	4100	200
		F	40000	13200	13600	2000	500	4100	2700	400	3200	300	-
	1966	MF	145000	31400	23200	6900	4600	21700	16100	25000	11400	4500	200
		F	43520	15100	14500	2000	500	3600	3300	400	3600	300	20
	1967	MF	153000	32200	23500	8100	4900	24900	17700	25200	11600	4100	-
		F	45200	15800	14500	800	500	6000	3600	400	3300	300	-
	1968	MF	164528	31883	22949	9239	4460	25583	24736	20708	11190	4065	3715
		F	48917	18260	19263	3133	594	3192	3990	317	3269	584	515
	1969	MF	166128	35900	28180	6481	5493	24974	24048	20066	12342	4612	4024
		F	53129	16207	18408	1836	727	3566	4736	100	3910	457	1182
	1970	MF	180918	36158	32607	7267	5862	28779	25027	21734	12844	4803	3817
		F	59156	19655	21094	2000	855	4188	5033	161	4472	487	1211
NEW CALLEDONIA	1962	MF	35	-	-	-	35	-	-	-	-	-	-
	1965	MF	45	-	-	-	45	-	-	-	-	-	-
		F	17	-	-	-	17	-	-	-	-	-	-
	1968	MF	63	-	-	-	62	1	-	-	-	-	-
	1970	MF	101	9	-	-	85	1,1	-	7	-	-	-
NEW ZEALAND <sup>2</sup>	1960	MF	21827	5484	4183	782	1082	2434	2355	3118	1912	877	-
		F	8688	2465	2960	301	43	78	623	1	361	30	-
	1965	MF	31964	7866	5948	1134	1457	3127	5039	5673	1821	960	39
		F	10949	3886	4538	242	70	527	1040	101	482	51	12
	1966	MF	43804	8715	5590	955	1602	9446	4873	7632	2250	2390	353
		F	12147	4427	4020	202	88	1538	1004	131	459	107	105
	1967	MF	47516	9780	5864	1150	1772	10907	6517	7514	1351	2537	344
		F	13884	4969	4431	351	118	1665	1399	263	378	117	193
	1968	MF	50433	10977	6931	1083	1950	10908	6230	7868	1579	2559	348
		F	14827	5586	5137	327	143	1569	1259	141	561	58	46
	1969	MF	56553	11223	7746	2450	2154	12091	7225	8010	1696	3099	657
		F	16979	5627	5720	950	192	1940	1527	137	719	150	37
	1970	MF	63540	12948	9860	921	1543	4659	5880	3360	1376	2192	787
		F	17064	6749	7099	280	158	666	1131	269	269	129	308
WESTERN SAMOA	1966	MF	21	-	-	-	-	-	-	-	-	21	-
	1967	MF	56	28	-	-	-	-	-	-	-	45	-
	1968	MF	70	25	-	-	-	-	-	-	-	43	-
	1969	MF	117	74	-	-	-	-	-	-	-	45	-
	1970	MF	114	69	-	-	-	-	-	-	-	-	-

NOTES

1. Social sciences and law are counted together.

2. The data presented here are not strictly comparable for the following reasons:

1960 and 1965: data refer to all students enrolled at universities and teacher-training colleges and to full-time students enrolled at the Technical institutes. It should be noted that full-time students represent less than 5% of the total enrolment at the Technical institutes (see table 6.2, other non-university institutions);

1966 to 1969: data refer to all students enrolled at universities and teacher-training colleges and to 40% of total enrolment at the Technical institutes.

1970: Universities and teacher-training colleges.

1. Les sciences sociales et le droit sont classés ensemble.

2. Les données ici présentées ne sont pas strictement comparables pour les raisons suivantes:

1960 et 1965: les données se réfèrent à tous les étudiants inscrits dans les universités et écoles normales supérieures et aux étudiants inscrits à plein temps dans les "technical institutes". Il faut noter que les étudiants à plein temps représentent moins de 5% du total des effectifs inscrits dans les "technical institutes" (voir tableau 6.2, autres établissements non universitaires);

1966 à 1969: les données se réfèrent à tous les étudiants inscrits dans les universités et écoles normales supérieures et à environ 40% des effectifs inscrits dans les "technical institutes".

1970: Universités et écoles normales supérieures seulement.



**Table/Tableau 6.3 Distribution of graduates by field of study**  
**Répartition des diplômes par branches d'études**

Country	Year	Sex	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année	Sexe		Lettres		Beaux-arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
AUSTRALIA	1961	MF	14535	2013	6900	114	275	629	1237	1603	1143	619	-
		F	6140	803	4515	31	29	87	247	15	385	28	-
	1963	MF	25343	3833	9053	604	445	1818	2368	2564	1916	740	-
		F	9470	1820	5797	154	57	320	676	43	772	29	-
	1966	MF	23070	4462	9110	650	540	2160	2640	2674	2055	773	-
		F	10561	2270	6303	174	80	350	549	22	777	38	-
	1968	MF	27705	5366	10345	620	563	2323	3179	2569	1952	790	-
		F	12744	3653	12652	797	734	2751	3809	2959	2184	863	302
		F	14056	2915	8559	247	67	456	799	9	852	52	100
	1970	MF	32015	5443	12240	907	769	3091	3863	3129	2179	889	305
		F	13540	2722	8170	258	87	511	747	8	868	69	100
GUAM	1963	MF	27	8	12	-	-	7	-	-	-	-	-
		F	16	6	10	-	-	-	-	-	-	-	-
	1969	MF	127	9	78	2	-	20	12	-	-	-	6
		F	73	6	40	1	-	9	9	-	-	-	-
	1970	MF	178	4	97	5	-	46	7	-	-	-	19
		F	100	3	72	1	-	13	2	-	-	-	9
NEW ZEALAND <sup>1</sup>	1960	MF	1956	578	36	77	111	93	411	164	259	214	13
		F	535	257	11	33	3	9	125	-	82	12	3
	1964	MF	2008	986	43	156	143	236	579	202	186	254	33
		F	700	431	41	36	5	69	110	1	17	9	3
	1965	MF	3176	1107	69	114	149	276	660	225	173	347	56
		F	791	517	29	21	2	66	139	-	9	7	1
	1966	MF	3567	1270	85	103	181	344	891	276	206	354	57
		F	884	570	35	52	12	59	129	1	17	20	9
	1967	MF	4040	1480	82	129	178	350	811	281	218	648	63
		F	1082	713	30	24	10	71	185	-	20	20	3
	1968	MF	6072	1605	133	156	200	456	941	336	252	502	89
		F	1254	800	60	41	7	94	189	3	26	22	6
	1969	MF	5170	1798	172	145	277	511	946	365	275	608	79
		F	1581	858	96	41	16	105	195	3	37	21	9

**NOTE**

1. Universities only.

1. Universités seulement.

**Table/Tableau 6.4 Distribution of graduates by level of degree or diploma**  
**Répartition des diplômés selon le niveau du diplôme obtenu**

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
 B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
 C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country Pays	Year Année	Total number of graduates Nombre total des diplômés			Female graduates Diplômés du sexe féminin		
		A	B	C	A	B	C
AUSTRALIA <sup>1</sup>	1961	=	13522	1013	=	5870	270
	1963	=	21043	2298	=	8762	708
	1966	=	22614	2456	=	9713	848
	1968	=	24520	3183	=	11111	1111
	1969	=	29153	3591	=	12723	1333
	1970	=	28940	3873	=	12083	1435
GUAM	1963	=	27	=	=	16	=
	1966	4	42	=	2	22	=
	1967	=	81	3	=	33	3
	1968	21	88	23	20	48	1
	1969	3	79	43	=	36	17
	1970	18	97	63	9	58	33
NEW ZEALAND <sup>2</sup>	1960	236	1391	329	38	432	63
	1963	383	2121	670	78	584	129
	1966	364	2404	799	77	640	167
	1967	454	2706	880	88	793	201
	1968	472	3130	1030	86	966	202
	1969	563	3552	1061	90	1070	221

NOTES

1. Data referring to diplomas at level B include a certain number of diplomas at level A.
2. Universities only.

1. Les données concernant les diplômes de niveau B comprennent un certain nombre de diplômes de niveau A.
2. Universités seulement.

Table/Tableau 6.5

Distribution of graduates by level of degree or diploma and by field of study  
Répartition des diplômes selon le niveau du diplôme obtenu et par branches d'études

A — Diplomas not equivalent to a first university degree/Diplômes n'équivalant pas à un premier grade universitaire  
B — First university degrees or equivalent qualifications/Premiers grades universitaires ou diplômes équivalents  
C — Post-graduate university degrees or equivalent qualifications/Grades universitaires supérieurs ou diplômes équivalents

Country	Year	Sex/ Sexe	Level/ Niveau	Total	Humanities	Education	Fine arts	Law	Social sciences	Natural sciences	Engineering	Medical sciences	Agriculture	Not specified
Pays	Année				Lettres		Beaux arts	Droit	Sciences sociales	Sciences exactes et naturelles	Sciences de l'ingénieur	Sciences médicales		Non spécifié
AUSTRALIA <sup>1</sup>	1961	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	13522	1939	6386	109	275	618	1028	1512	1074	581	-
			C	1013	74	514	5	-	11	209	93	69	38	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	5870	794	4289	31	29	87	220	15	378	27	-
			C	270	9	226	-	-	-	27	-	7	1	-
	1965	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	21045	3616	7926	542	435	1746	1980	2335	1804	661	-
			C	2298	217	1129	62	10	72	388	229	112	79	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	8762	1748	5242	149	56	314	430	41	758	24	-
			C	708	72	555	5	1	6	48	2	14	5	-
	1970	MF	A	-	-	-	-	-	-	-	-	-	-	-
			B	28940	5035	10287	829	741	2889	3176	2870	2042	766	305
			C	3875	408	1953	78	28	202	687	259	137	123	-
		F	A	-	-	-	-	-	-	-	-	-	-	-
			B	12085	2535	7054	247	84	487	655	8	854	61	100
			C	1455	187	1116	11	3	24	42	-	14	8	-
GUAM	1970	MF	A	18	-	-	-	-	-	-	-	-	-	18
			B	97	2	52	2	-	36	4	-	-	-	1
			C	63	2	45	3	-	10	3	-	-	-	-
		F	A	9	-	-	-	-	-	-	-	-	-	9
			B	58	2	43	1	-	11	1	-	-	-	-
			C	33	1	29	-	-	2	1	-	-	-	-
NEW ZEALAND <sup>2</sup>	1960	MF	A	256	-	-	45	-	17	-	29	-	145	-
			B	1391	446	20	28	107	68	327	123	243	29	-
			C	529	132	16	4	4	8	84	12	16	40	13
		F	A	38	-	-	26	-	4	-	-	-	8	-
			B	432	213	9	7	3	1	115	-	80	4	-
			C	65	44	2	-	-	4	10	-	2	-	3
	1965	MF	A	585	-	-	69	-	69	-	10	-	237	-
			B	2121	822	29	40	135	170	507	197	147	74	-
			C	670	285	40	5	14	37	153	18	26	36	56
		F	A	78	-	-	15	-	57	-	-	-	6	-
			B	584	421	17	6	2	9	119	-	9	1	-
			C	129	96	12	-	-	-	20	-	-	-	1
	1969	MF	A	563	-	-	51	-	71	-	32	-	409	-
			B	3552	1359	112	67	261	361	732	311	194	155	-
			C	1061	439	60	27	16	79	214	22	81	44	79
		F	A	90	-	-	22	-	55	-	-	-	13	-
			B	1070	709	80	17	15	35	166	3	32	7	-
			C	221	149	10	2	1	15	29	-	5	1	9

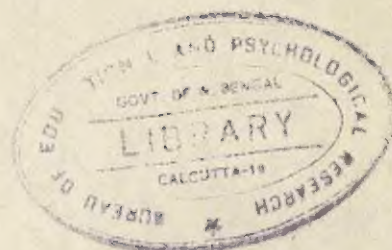
## NOTES

1. Data referring to diplomas at level B include a certain number of diplomas at level A.
2. Universities only.

1. Les données concernant les diplômes de niveau B comprennent un certain nombre de diplômes de niveau A.
2. Universités seulement.









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